

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: April 12, 2004, 09:43:41 ; Search time 612.749 Seconds

(without alignments)  
10775.325 Million cell updates/sec

Title: US-09-581-742B-1

Perfect score: 1760

Sequence: 1 cccgcgtgccccgcagtcgtc.....taagttgtcgtcgtgag 1760

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 2475585 seqs, 1875730760 residues

Total number of hits satisfying chosen parameters: 4951170

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:  
1: /cgn2\_6/prodata/1/pubpna/US07\_PUBCOMB.seq:\*  
2: /cgn2\_6/prodata/1/pubpna/US06\_NEW\_PUB.seq:\*  
3: /cgn2\_6/prodata/1/pubpna/US06\_PUBCOMB.seq:\*  
4: /cgn2\_6/prodata/1/pubpna/US07\_PUBCOMB.seq:\*  
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9: /cgn2\_6/prodata/1/pubpna/US09\_PUBCOMB.seq:\*  
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17: /cgn2\_6/prodata/1/pubpna/US10\_PUBCOMB.seq:\*  
18: /cgn2\_6/prodata/1/pubpna/US10\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1760	100.0	1760	US-10-147-493-5	Sequence 5, Appli
2	1760	100.0	1760	US-10-145-127-5	Sequence 5, Appli
3	1760	100.0	1760	US-10-160-503-5	Sequence 5, Appli
4	1760	100.0	1760	US-10-143-118-5	Sequence 5, Appli
5	1760	100.0	1760	US-10-144-993-5	Sequence 5, Appli
6	1760	100.0	1760	US-10-158-787-5	Sequence 5, Appli
7	1760	100.0	1760	US-10-140-024-5	Sequence 5, Appli
8	1760	100.0	1760	US-10-028-072-5	Sequence 5, Appli
9	1760	100.0	1760	US-10-121-049-5	Sequence 5, Appli
10	1760	100.0	1760	US-10-123-904-5	Sequence 5, Appli
11	1760	100.0	1760	US-10-140-470-5	Sequence 5, Appli
12	1760	100.0	1760	US-10-175-746-5	Sequence 5, Appli
13	1760	100.0	1760	US-10-176-918-5	Sequence 5, Appli
14	1760	100.0	1760	US-10-176-921-5	Sequence 5, Appli
15	1760	100.0	1760	US-10-137-865-5	Sequence 5, Appli

16	1760	100.0	1760	US-10-140-474-5	Sequence 5, Appli
17	1760	100.0	1760	US-10-142-431-5	Sequence 5, Appli
18	1760	100.0	1760	US-10-143-114-5	Sequence 5, Appli
19	1760	100.0	1760	US-10-140-002-5	Sequence 5, Appli
20	1760	100.0	1760	US-10-142-419-5	Sequence 5, Appli
21	1760	100.0	1760	US-10-123-262-5	Sequence 5, Appli
22	1760	100.0	1760	US-10-142-423-5	Sequence 5, Appli
23	1760	100.0	1760	US-10-131-050-5	Sequence 5, Appli
24	1760	100.0	1760	US-10-141-755-5	Sequence 5, Appli
25	1760	100.0	1760	US-10-143-032-5	Sequence 5, Appli
26	1760	100.0	1760	US-10-123-108-5	Sequence 5, Appli
27	1760	100.0	1760	US-10-123-236-5	Sequence 5, Appli
28	1760	100.0	1760	US-10-123-261-5	Sequence 5, Appli
29	1760	100.0	1760	US-10-140-921-5	Sequence 5, Appli
30	1760	100.0	1760	US-10-140-928-5	Sequence 5, Appli
31	1760	100.0	1760	US-10-121-045-5	Sequence 5, Appli
32	1760	100.0	1760	US-10-123-292-5	Sequence 5, Appli
33	1760	100.0	1760	US-10-123-003-5	Sequence 5, Appli
34	1760	100.0	1760	US-10-124-819-5	Sequence 5, Appli
35	1760	100.0	1760	US-10-124-822-5	Sequence 5, Appli
36	1760	100.0	1760	US-10-140-925-5	Sequence 5, Appli
37	1760	100.0	1760	US-10-160-498-5	Sequence 5, Appli
38	1760	100.0	1760	US-10-124-824-5	Sequence 5, Appli
39	1760	100.0	1760	US-10-127-825A-5	Sequence 5, Appli
40	1760	100.0	1760	US-10-127-825A-5	Sequence 5, Appli
41	1760	100.0	1760	US-10-127-835A-5	Sequence 5, Appli
42	1760	100.0	1760	US-10-127-839A-5	Sequence 5, Appli
43	1760	100.0	1760	US-10-127-801A-5	Sequence 5, Appli
44	1760	100.0	1760	US-10-128-693A-5	Sequence 5, Appli
45	1760	100.0	1760	US-10-131-813A-5	Sequence 5, Appli

## ALIGNMENTS

RESULT 1  
US-10-147-493-5  
Sequence 5, Application US/10147493  
Publicatoin No. US20040029217A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Desrogers, Laura  
APPLICANT: Desrogers, Laura  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Geo, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P330R1C345  
CURRENT APPLICATION NUMBER: US/10/147,493  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Paim  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 5  
LENGTH: 1760  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-147-493-5  
Query Match 100.0%; Score 1760; DB 12; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	CCGCGTGGACCGGTAGTGTCTCTCCCGGTCGTTTGCCCTCTCCAGTTTCCCCAGTGCCTGC	60
Db	1 CCGGTGGACCGGTAGTGTCTCTCCCGTGTGTTTGCCCTCTCCAGTTTCCCCAGTGCCTGC	60
QY	61 CCTACGACCCCGGATGCGAGCTGCGGCTAGCGGCGCCCCCGGCCCCACCTCGCGCCCC	120
Db	61 CCTACGACCCCGGATGCGAGCTCGGCTAGCGGCGCCCCCGGCCCCACCGCGCCCC	120
QY	121 GAGCCCTTAGCCCGATTGCCCCCGGCGCTTGCGCTTGCTTTCCCGGGACCTGACAGC	180
Db	121 GAGCCCTTAGCCCGATTGCCCCCGGCGCTTGCGCTTGCTTTCCCGGGACCTGACAGC	180
QY	181 CATCTACGAGAGTGCCTCGCCGCTTTTACCTTGACCGACCGAACCCGCTCCAGGTTACCGC	240
Db	181 CATCTACGAGAGTGCCTCGCCGCTTTTACCTTGACCGACCGAACCCGCTCCAGGTTACCGC	240
QY	241 TATGCTCAAGTACTGTTGGGTGGCGCAGACCCCTTGACATATGTTAGCATATGACAGAA	300
Db	241 TATGCTCAAGTACTGTTGGGTGGCGCAGACCCCTTGACATATGTTAGCATATGACAGAA	300
QY	301 TGTGGGAGGCCCTTCTGCTTAACATCCCGAGCATGGACATACATCACTTCGCGCTAG	360
Db	301 TGTGGGAGGCCCTTCTGCTTAACATCCCGAGCATGGACATACATCACTTCGCGCTAG	360
QY	361 TGATCTCATGAGTGAACAAGAGTGCATAGAGTTTACAGAAACAGATGGAACCTAGTGTT	420
Db	361 TGATCTCATGAGTGAACAAGAGTGCATAGAGTTTACAGAAACAGATGGAACCTAGTGTT	420
QY	421 TGGCTTGAAGTTGACCTTTGCTGTAAGAGAGAACTGGGAGTGTGCTCCACCAACATG	480
Db	421 TGGCTTGAAGTTGACCTTTGCTGTAAGAGAGAACTGGGAGTGTGCTCCACCAACATG	480
QY	481 GCCGCGACAGTTATGACAGGGCTTGGACAGTACGATGTTCCAGTACAGAGAACCTTCTG	540
Db	481 GCCGCGACAGTTATGACAGGGCTTGGACAGTACGATGTTCCAGTACAGAGAACCTTCTG	540
QY	541 CAGTGGGAGCAATGTGTCTCGACACGCCCTTTGATTAACAGTGAAGTCAAGATTCAGCA	600
Db	541 CAGTGGGAGCAATGTGTCTCGACACGCCCTTTGATTAACAGTGAAGTCAAGATTCAGCA	600
QY	601 CATGCTGTGACAGAGAGACCCACAGATCAGCGCGTGCAGACACCTTTGGGGATGTTAC	660
Db	601 CATGCTGTGACAGAGAGACCCACAGATCAGCGCGTGCAGACACCTTTGGGGATGTTAC	660
QY	661 CTTCCTCCAGATCGTTGGTGTCTGCTAGTAAGAGCTAACCTTAGCCACAGTGGACGG	720
Db	661 CTTCCTCCAGATCGTTGGTGTCTGCTAGTAAGAGCTAACCTTAGCCACAGTGGACGG	720
QY	721 GCAGGAGCATCTGAGAGCTGTGCGGACAGTGTCTTTCTGCGCGGCCCTCGGTGATTAAC	780
Db	721 GCAGGAGCATCTGAGAGCTGTGCGGACAGTGTCTTTCTGCGCGGCCCTCGGTGATTAAC	780
QY	781 TGACATGCGGAGGGAGAGAACCATATTGTAAGTGCATCCACCTTGCAAGAGAGATTGA	840
Db	781 TGACATGCGGAGGGAGAGAACCATATTGTAAGTGCATCCACCTTGCAAGAGAGATTGA	840
QY	841 CAAAGGCATCGAGACAGATGGCTCCACCTGATGAGTGTGCATGTGCAGATGAGTGGGA	900
Db	841 CAAAGGCATCGAGACAGATGGCTCCACCTGATGAGTGTGCATGTGCAGATGAGTGGGA	900
QY	901 TGAAGTGAAGCGGCGCCCGGAGATGACAGAGACAGCGGAGACATCTGATCGGACACA	960
Db	901 TGAAGTGAAGCGGCGCCCGGAGATGACAGAGACAGCGGAGACATCTGATCGGACACA	960
QY	961 GCCCGCGAGACTCTGTGCGCAAGAACAAGAGAGATCGGAGACCTTGAGAGAGAGACT	1020
Db	961 GCCCGCGAGACTCTGTGCGCAAGAACAAGAGAGATCGGAGACCTTGAGAGAGAGACT	1020
QY	1021 CGAGATCAACAGCAAACTGTCTTTCACCAATCAACCTTGAGCGGCGAATGCTCTGC	1080
Db	1021 CGAGATCAACAGCAAACTGTCTTTCACCAATCAACCTTGAGCGGCGAATGCTCTGC	1080

QY	1081	CCAAGACCGGGCCCCGAGCCGCAAAAGCAGCTGGAAAGTGAAGCTCCACGCGCATCAT	1140
Db	1081	CCAGACCGGGCCCCGAGCCGCAAAAGCAGCTGGAAAGTGAAGCTCCACGCGCATCAT	1140
QY	1141	TCGCCATGAGCTGATTCGACACGCGGACGTTGAGAGGTCATCTGAAATTCACCGAGA	1200
Db	1141	TCGCCATGAGCTGATTCGACACGCGGACGTTGAGAGGTCATCTGAAATTCACCGAGA	1200
QY	1201	GTCCGAGACCCCTCATTTCTCTGCTCCCTAAGGGGACAGGCTACTGATGAGACGGACCTTAC	1260
Db	1201	GTCCGAGACCCCTCATTTCTCTGCTCCCTAAGGGGACAGGCTACTGATGAGACGGACCTTAC	1260
QY	1261	ATATPAAAGTATCACAGGTGACATGAGCATGCGTCTCAAGTTGTCTCAACGGAGTGGAAAGCGC	1320
Db	1261	ATATPAAAGTATCACAGGTGACATGAGCATGCGTCTCAAGTTGTCTCAACGGAGTGGAAAGCGC	1320
QY	1321	CTTTGGCCATGAGGAGATCCTTACAGGGGCTCATAGACCTGTGTTACAATCTTGAACTTA	1380
Db	1321	CTTTGGCCATGAGGAGATCCTTACAGGGGCTCATAGACCTGTGTTACAATCTTGAACTTA	1380
QY	1381	TCCTCGAGAGCTCTGCCCCCTCCGCTCTCGAAGAGTCTTCTCTGCCCCGAGAGAGGGTAGTCA	1440
Db	1381	TCCTCGAGAGCTCTGCCCCCTCCGCTCTCGAAGAGTCTTCTCTGCCCCGAGAGAGGGTAGTCA	1440
QY	1441	GCATCTCCAAATTTTCAGACAGCTCAAGAACCTTGGCCCCCACAAGACTTCCCAATGTCAC	1500
Db	1441	GCATCTCCAAATTTTCAGACAGCTCAAGAACCTTGGCCCCCACAAGACTTCCCAATGTCAC	1500
QY	1501	ATTGCCCCCTAGTCCCCCTGATGCTTGGAGCCCAACCCCAATTCCTCCAAAGCCCCCTGAC	1560
Db	1501	ATTGCCCCCTAGTCCCCCTGATGCTTGGAGCCCAACCCCAATTCCTCCAAAGCCCCCTGAC	1560
QY	1561	CCCTCTAGCTGCGGGGTTTCCCATCTCCAGTGCACAAACCCCTCTCATCTCCCTCTGGACGC	1620
Db	1561	CCCTCTAGCTGCGGGGTTTCCCATCTCCAGTGCACAAACCCCTCTCATCTCCCTCTGGACGC	1620
QY	1621	CCCTAGGAGGCTGAGGCCAGACACCCGCTGGGCTCCCAACACATGCTCCCTCCCATGG	1680
Db	1621	CCCTAGGAGGCTGAGGCCAGACACCCGCTGGGCTCCCAACACATGCTCCCTCCCATGG	1680
QY	1681	GCTGTTGCCACAGGAAACCGGGGCGCGGTGGGAAAGAGCTGCTGGCCTCGGCATGTTTCAA	1740
Db	1681	GCTGTTGCCACAGGAAACCGGGGCGCGGTGGGAAAGAGCTGCTGGCCTCGGCATGTTTCAA	1740
QY	1741	TAAAGTTGCTGTGCTGGGAG	1760
Db	1741	TAAAGTTGCTGTGCTGGGAG	1760

```

RESULT 2
US-10-145-127-5
Sequence 5, Application US/10145127
Publication No. US2004003558A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Desrogers, Laura
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME

```

FILE REFERENCE: P330R1C252  
 CURRENT APPLICATION NUMBER: US/10/145,127  
 CURRENT FILING DATE: 2002-05-13  
 Prior Application removed - See File Wrapper or Palm  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 5  
 LENGTH: 1760  
 TYPE: DNA  
 ORGANISM: Homo Sapien  
 US-10-145-127-5

Query Match 100.0%; Score 1760; DB 12; Length 1760;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 CCCGCTGGCCGCTAGAGCTCTCCCGCTTGGCCCTCCAGTTCCTCCAGTCCGCTGC 60  
 1 CCCGCTGGCCGCTAGAGCTCTCCCGCTTGGCCCTCCAGTTCCTCCAGTCCGCTGC 60  
 61 CCTACGACCCCGATGGCGAGCTGCGGCTTACGCGGCGCCCGCCCGCCCGCCCGCC 120  
 61 CCTACGACCCCGATGGCGAGCTGCGGCTTACGCGGCGCCCGCCCGCCCGCCCGCC 120  
 121 GGGCCCTGGCCGCTAGAGCTCTCCCGCTTGGCCCTCCAGTTCCTCCAGTTCCTGC 180  
 121 GGGCCCTGGCCGCTAGAGCTCTCCCGCTTGGCCCTCCAGTTCCTCCAGTTCCTGC 180  
 181 CATCTACGAGAGAGCGCGGCTTACGCGGCTTACGCGGCGCCCGCCCGCCCGCCCG 240  
 181 CATCTACGAGAGAGCGCGGCTTACGCGGCTTACGCGGCGCCCGCCCGCCCGCCCG 240  
 181 CATCTACGAGAGAGCGCGGCTTACGCGGCTTACGCGGCGCCCGCCCGCCCGCCCG 240  
 241 TATGTCAGAGAGAGCGCGGCTTACGCGGCTTACGCGGCGCCCGCCCGCCCGCCCG 300  
 241 TATGTCAGAGAGAGCGCGGCTTACGCGGCTTACGCGGCGCCCGCCCGCCCGCCCG 300  
 241 TATGTCAGAGAGAGCGCGGCTTACGCGGCTTACGCGGCGCCCGCCCGCCCGCCCG 300  
 301 TGTGGGAGGCGCTTCTGCTAACATCCCGGAGCATGCGACATCACTACGCTTCCGCTGAG 360  
 301 TGTGGGAGGCGCTTCTGCTAACATCCCGGAGCATGCGACATCACTACGCTTCCGCTGAG 360  
 361 TGATCTCTATGTGACAAACAGAGTCCATGAGTTTACAGAAACAGATGAGCTTGTGTTT 420  
 361 TGATCTCTATGTGACAAACAGAGTCCATGAGTTTACAGAAACAGATGAGCTTGTGTTT 420  
 421 TGGCTTGAAGTGAAGCTTGTGCTGAGAGAGAACTGGGAGAGTCCCGCCCGCCCGCC 480  
 421 TGGCTTGAAGTGAAGCTTGTGCTGAGAGAGAACTGGGAGAGTCCCGCCCGCCCGCC 480  
 481 GCGCGAGAGTTATGACAGGAGCTTGGACAGTACGTTTCAAGTCAAGAAACACTTCTG 540  
 481 GCGCGAGAGTTATGACAGGAGCTTGGACAGTACGTTTCAAGTCAAGAAACACTTCTG 540  
 541 CAGTGGGAGCAATGTGCTGAGCAAGCTTGGAGTAAAGTGAAGTGAAGTGAAGTGAAG 600  
 541 CAGTGGGAGCAATGTGCTGAGCAAGCTTGGAGTAAAGTGAAGTGAAGTGAAGTGAAG 600  
 601 CATCTCTGCTGACAGAGAGCAAGATGACAGCTTGGAGTAAAGTGAAGTGAAGTGAAG 660  
 601 CATCTCTGCTGACAGAGAGCAAGATGACAGCTTGGAGTAAAGTGAAGTGAAGTGAAG 660  
 661 CTTCTCTCAAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720  
 661 CTTCTCTCAAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 720  
 721 GCAAGGATCTGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780  
 721 GCAAGGATCTGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780  
 781 TGAATGCGAG 840  
 781 TGAATGCGAG 840  
 841 CAAAGGATCTGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 900  
 841 CAAAGGATCTGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 900

841 CAAAGGATCTGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 900  
 901 TGAATGCGAG 960  
 901 TGAATGCGAG 960  
 961 GCGCGAGAGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1020  
 961 GCGCGAGAGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1020  
 1021 CAAAGGATCTGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1080  
 1021 CAAAGGATCTGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1080  
 1081 GCGCGAGAGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1140  
 1081 GCGCGAGAGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1140  
 1141 TCCCATGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1200  
 1141 TCCCATGAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1200  
 1201 GTCGAGAGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1260  
 1201 GTCGAGAGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1260  
 1261 ATATTAAGATCAAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 1320  
 1261 ATATTAAGATCAAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 1320  
 1321 CTTTGGCACTGAG 1380  
 1321 CTTTGGCACTGAG 1380  
 1381 TCCCTGAGAGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1440  
 1381 TCCCTGAGAGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1440  
 1441 GATCTCTCAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 1500  
 1441 GATCTCTCAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG 1500  
 1501 ATGGCCCTGAGTCCCTGAG 1560  
 1501 ATGGCCCTGAGTCCCTGAG 1560  
 1561 CCCCTAGCTGCGGAGGTTCCCACTCCAGTGCACAAACCCCTCACTCCCTGAGAGAG 1620  
 1561 CCCCTAGCTGCGGAGGTTCCCACTCCAGTGCACAAACCCCTCACTCCCTGAGAGAG 1620  
 1621 CCTCAGAGAGCTGAG 1680  
 1621 CCTCAGAGAGCTGAG 1680  
 1681 GCTGTTGCGAG 1740  
 1681 GCTGTTGCGAG 1740  
 1741 TAAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1760  
 1741 TAAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1760

RESULT 3  
 US-10-160-503-5  
 Sequence 5, Application US/10160503  
 GENERAL INFORMATION:  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Demoyers, Luc  
 APPLICANT: Filvaroff, Ellen

/ APPLICANT: Gao, Wei-Qiang  
 / APPLICANT: Geriltsen, Mary E.  
 / APPLICANT: Goddard, Audrey  
 / APPLICANT: Godowski, Paul J.  
 / APPLICANT: Gurney, Austin L.  
 / APPLICANT: Sherwood, Steven  
 / APPLICANT: Smith, Victoria  
 / APPLICANT: Stewart, Timothy A.  
 / APPLICANT: Tumas, Daniel  
 / APPLICANT: Watanabe, Colin K  
 / APPLICANT: Wood, William  
 / APPLICANT: Zhang, Zemin  
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 / FILE REFERENCE: P330R1C46  
 / CURRENT FILING DATE: 2002-05-30  
 / NUMBER OF SEQ ID NOS: 550  
 / SEQ ID NO 5  
 / LENGTH: 1760  
 / TYPE: DNA  
 / ORGANISM: Homo Sapien  
 / US-10-160-503-5

Query Match 100.0%; Score 1760; DB 12; Length 1760;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGGCTGGGCGGCTGAGTGTCTCCCGTGGTTCCTCCAGTTCCCGGAGTGCCTGC 60  
 Db 1 CCGGCTGGGCGGCTGAGTGTCTCCCGTGGTTCCTCCAGTTCCCGGAGTGCCTGC 60  
 QY 61 CCTAGCAGACCCCGGAGTGGGAGCTGGGCTTAGGGGGGCGCGCCCGGAGCGGCGCC 120  
 Db 61 CCTAGCAGACCCCGGAGTGGGAGCTGGGCTTAGGGGGGCGCGCCCGGAGCGGCGCC 120  
 QY 121 GGGCCCTTGGGCGGAGTGGGCGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCT 180  
 Db 121 GGGCCCTTGGGCGGAGTGGGCGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCT 180  
 QY 181 CATCTAGGAGAGTGGGCGGCGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGG 240  
 Db 181 CATCTAGGAGAGTGGGCGGCGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGG 240  
 QY 241 TATGCTCAAGTACTGGTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGG 300  
 Db 241 TATGCTCAAGTACTGGTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGGGCTGG 300  
 QY 301 TGTGGGAGCGGCTTCTGCTAATCCCGGAGACTGGGCTGGGCTGGGCTGGGCTGG 360  
 Db 301 TGTGGGAGCGGCTTCTGCTAATCCCGGAGACTGGGCTGGGCTGGGCTGGGCTGG 360  
 QY 361 TGAATCTATGCTGAGCAAGAGTCAATGATTTACAGAAACAGATGAGCTTATGTT 420  
 Db 361 TGAATCTATGCTGAGCAAGAGTCAATGATTTACAGAAACAGATGAGCTTATGTT 420  
 QY 421 TGGCTTGAAGTGAACCTTTGCTGGAAGAGAACTGGGAGTCTGCGCCCAACATG 480  
 Db 421 TGGCTTGAAGTGAACCTTTGCTGGAAGAGAACTGGGAGTCTGCGCCCAACATG 480  
 QY 481 GCGCGAGAGTTAATGAGGAGCTGGGAGCAATGATTTCAAGTCAAGAGAAACCTTT 540  
 Db 481 GCGCGAGAGTTAATGAGGAGCTGGGAGCAATGATTTCAAGTCAAGAGAAACCTTT 540  
 QY 541 CAGTGGGAGCAATGATTTGCTGGCAAGCCCTTGGATTAAGTGAAGTCAAGAAATT 600  
 Db 541 CAGTGGGAGCAATGATTTGCTGGCAAGCCCTTGGATTAAGTGAAGTCAAGAAATT 600  
 QY 601 CATGCTCTGAGCAGAGACCAAGATGAGCGCGGCTGGGAGCAACCTTTGGGGTATTT 660  
 Db 601 CATGCTCTGAGCAGAGACCAAGATGAGCGCGGCTGGGAGCAACCTTTGGGGTATTT 660  
 QY 661 CTTCTCCAGATGCTTGGTGTCTGCACTGAAGAGCTCACTAGCCGAGCAGTGAACG 720

Db 661 CTTCTCCAGATGCTTGGTGTCTGCACTGAAGAGCTCACTAGCCGAGCAGTGAACG 720  
 QY 721 GCAAGGATCTCTGAGTGTCTGCGGACAGTGCCTATTGTGCGGCGGCTGGTGAATAC 780  
 Db 721 GCAAGGATCTCTGAGTGTCTGCGGACAGTGCCTATTGTGCGGCGGCTGGTGAATAC 780  
 QY 781 TGAATCGGAGGAGAGACATATTGATGATGATGATGATGATGATGATGATGATGAT 840  
 Db 781 TGAATCGGAGGAGAGACATATTGATGATGATGATGATGATGATGATGATGATGAT 840  
 QY 841 CAAAGGATGAGAGACATGATGATGATGATGATGATGATGATGATGATGATGATGAT 900  
 Db 841 CAAAGGATGAGAGACATGATGATGATGATGATGATGATGATGATGATGATGATGAT 900  
 QY 901 TGAAGGATGAGAGACATGATGATGATGATGATGATGATGATGATGATGATGATGAT 960  
 Db 901 TGAAGGATGAGAGACATGATGATGATGATGATGATGATGATGATGATGATGATGAT 960  
 QY 961 GCGCGGAGCTCTCTGAGCAAGAGACAGAGAGATCCGAGAGACCTGAGAGAGAGACT 1020  
 Db 961 GCGCGGAGCTCTCTGAGCAAGAGACAGAGAGATCCGAGAGACCTGAGAGAGAGACT 1020  
 QY 1021 CGAGATCAAGAGAACTGTCTTCCACCAATCAACCTTCAAGGAGAGATGCTCGG 1080  
 Db 1021 CGAGATCAAGAGAACTGTCTTCCACCAATCAACCTTCAAGGAGAGATGCTCGG 1080  
 QY 1081 CCAAGACCGGCGCGGAGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1140  
 Db 1081 CCAAGACCGGCGCGGAGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1140  
 QY 1141 TCCCGATGAGCTGATTTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
 Db 1141 TCCCGATGAGCTGATTTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
 QY 1201 GTCGAGAGCTCATTCCTCTCTGCTAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1260  
 Db 1201 GTCGAGAGCTCATTCCTCTCTGCTAAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1260  
 QY 1261 ATATTAAGATCAAGAGTGAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320  
 Db 1261 ATATTAAGATCAAGAGTGAATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320  
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 Db 1321 CTTTGGCACTGAG 1380  
 QY 1381 TCTTGGAGCTGTGCTTCCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1440  
 Db 1381 TCTTGGAGCTGTGCTTCCGCTCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1440  
 QY 1441 GATCTCAATTTTAG 1500  
 Db 1441 GATCTCAATTTTAG 1500  
 QY 1501 ATTGCGCTCAATTTTAG 1560  
 Db 1501 ATTGCGCTCAATTTTAG 1560  
 QY 1561 CCGCTAGCTGCGGAGGTTCCCACTCCAGTGCACCAACCCCTTCACTCCCTTGGAG 1620  
 Db 1561 CCGCTAGCTGCGGAGGTTCCCACTCCAGTGCACCAACCCCTTCACTCCCTTGGAG 1620  
 QY 1621 CCTCAGAGAGCTGAG 1680  
 Db 1621 CCTCAGAGAGCTGAG 1680  
 QY 1681 GCTGTGCTCAG 1740  
 Db 1681 GCTGTGCTCAG 1740  
 QY 1741 TAAAGTTGCTGTGGAG 1760

Db 1741 TAAAGTTGCTGTGCTGGAG 1760

RESULT 4  
US-10-143-118-5

US-10-143-118-5

Sequence 5, Application US/10143118  
Publication No. US20040028337A1

GENERAL INFORMATION: USZ0040038335AL

GENERAL INFORMATION

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureer

APPLICANT: DeForge, Laura

APPLICANT: Desnovers, Inc

APPLICANT: Filvaroff, Ellen

APPLICANT: Cao Wei - 01333

ABDUL KADIR

REFUGIAN: GERRITSEN, Mary E

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart Timothy

APPLICANT: Thomas Dandol

ADDICANT: Imdas, Daniel

APPLICANT: Walehade, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED

; TITLE OF INVENTION: ACIDS E

FILE REFERENCE: P3330B1C228

CURRENT APPLICATION NUMBER:

CURRENT FITTING DATE, 2003-0

COMMENTS: 2002-0

Application removed -

NUMBER OF SEQ ID NOS: 550

! SEQ ID NO 5

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; ORGANISM: Homo Sapien
US-10-143-118-5

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Query Match	100.0
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[illegible]

QY	481	GC	CCG	CA	GA	GT	TA	AT	TA	GC	AG	GC	CT	TG	CA	CA	T	AG	GT	TC	AG	T	CA	GA	GA	CA	CT	CT	G	540		
Db	481	GC	CCG	CA	GA	GT	TA	AT	TA	GC	AG	GC	CT	TG	CA	CA	T	AG	GT	TC	AG	T	CA	GA	GA	CA	CT	CT	G	540		
QY	541	CA	GT	GG	GA	CC	AT	GT	GT	CT	GG	CA	AG	CC	TT	TG	TA	TA	CA	GT	GA	GT	CA	GA	GA	CA	CT	CT	G	540		
Db	541	CA	GT	GG	GA	CC	AT	GT	GT	CT	GG	CA	AG	CC	TT	TG	TA	TA	CA	GT	GA	GT	CA	GA	GA	CA	CT	CT	G	540		
QY	601	CA	GT	GC	GC	TA	CA	GA	GA	GA	CC	CA	TA	TC	AG	CC	GT	GA	GA	CA	CC	CT	T	T	GG	GT	AT	T	AC	660		
Db	601	CA	GT	GC	GC	TA	CA	GA	GA	GA	CC	CA	TA	TC	AG	CC	GT	GA	GA	CA	CC	CT	T	T	GG	GT	AT	T	AC	660		
QY	661	CT	TC	TC	CA	GA	T	C	T	T	GT	GT	CT	TG	CA	CT	GA	AG	GT	TA	CA	CT	CA	GC	CA	CA	GT	GA	CA	CG	720	
Db	661	CT	TC	TC	CA	GA	T	C	T	T	GT	GT	CT	TG	CA	CT	GA	AG	GT	TA	CA	CT	CA	GC	CA	CA	GT	GA	CA	CG	720	
QY	721	GA	AG	GG	CA	T	CC	T	GA	GC	T	CT	GG	CA	CA	GT	GC	CT	T	T	GT	GG	CC	CC	CT	T	GG	CT	TA	T	AC	780
Db	721	GA	AG	GG	CA	T	CC	T	GA	GC	T	CT	GG	CA	CA	GT	GC	CT	T	T	GT	GG	CC	CC	CT	T	GG	CT	TA	T	AC	780
QY	781	TG	AC	AT	GC	GA	GG	GA	GA	GA	CC	AT	TT	T	GA	AT	TC	CA	CA	CT	TC	GA	GA	GA	GA	GT	T	GA			840	
Db	781	TG	AC	AT	GC	GA	GG	GA	GA	GA	CC	AT	TT	T	GA	AT	TC	CA	CA	CT	TC	GA	GA	GA	GA	GT	T	GA			840	
QY	841	CA	AA	GG	CA	T	CG	AT	CG	AT	TG	CT	CC	AT	CT	GA	TG	GT	TC	AG	TG	CC	AA	GT	GT	GC	CT	GG	GA		900	
Db	841	CA	AA	GG	CA	T	CG	AT	CG	AT	TG	CT	CC	AT	CT	GA	TG	GT	TC	AG	TG	CC	AA	GT	GT	GC	CT	GG	GA		900	
QY	901	TG	AC	CT	GA	CC	GG	CC	CC	CC	GA	GA	TG	CA	GA	GA	CA	AG	CC	GG	GA	CA	CT	TC	GA	CA	CA				960	
Db	901	TG	AC	CT	GA	CC	GG	CC	CC	CC	GA	GA	TG	CA	GA	GA	CA	AG	CC	GG	GA	CA	CT	TC	GA	CA	CA				960	
QY	961	GC	CC	CG	CG	CA	CT	CT	TG	CA	AA	GA	CA	CA	AG	CA	AT	TC	GG	GA	AG	CA	CT	TG	AG	GA	GA	GA	CA		1020	
Db	961	GC	CC	CG	CG	CA	CT	CT	TG	CA	AA	GA	CA	CA	AG	CA	AT	TC	GG	GA	AG	CA	CT	TG	AG	GA	GA	GA	CA		1020	
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Db	1021	CG	AG	AT	CA	AA	CA	CC	CT	TC	CA	CA	TA	CA	CC	CT	CA	GG	CG	GA	TA	TG	GC	CT	GC						1080	
QY	1081	CG	AG	CC	GG	CC	CG	AG	CC	CG	CA	AA	GA	CA	AG	CC	TG	GA	AA	GT	GA	CA	GC	CC	AT	CA					1140	

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DB 1561 CCCCTAGCTGCCGGGTTCCCACTCCAGTGCACACCCCTCTACTCTCCCTGGCAGCC 1620
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DB 1621 CCTCAGCAGCTGTAGAGCCCAAGCACCCTGGCTGCCAGACATGGTCCCTCCCACTGG 1680
QY 1681 GCTGTGCTCCAGAGGAAACCGGGGCGGGTGGGAAACAGAGTGTGTGGCTTGGCATGTTCAA 1740
DB 1681 GCTGTGCTCCAGAGGAAACCGGGGCGGGTGGGAAACAGAGTGTGTGGCTTGGCATGTTCAA 1740
QY 1741 TAAAGTGTGTGTGTGGGAG 1760
DB 1741 TAAAGTGTGTGTGTGGGAG 1760

RESULT 5
US-10-144-993-5
; Sequence 5, Application US/10144993
; Publication No. US20040038336A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C261
; CURRENT APPLICATION NUMBER: US/10/144,993
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-144-993-5

Query Match 100.0%; Score 1760; DB 12; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCCGCTGAGCCCTGCTAGTCTCTCCCGTGTGGCTCTTCCAGTTCCTCCCAAGTGTGC 60
DB 1 CCCGCTGAGCCCTGCTAGTCTCTCCCGTGTGGCTCTTCCAGTTCCTCCCAAGTGTGC 60
QY 61 CCTAGCAGCCCGAGATGGGAGAGCTGGGCTAGAGGGGCGCGCGCGCCCAACCGGGCGCC 120
DB 61 CCTAGCAGCCCGAGATGGGAGAGCTGGGCTAGAGGGGCGCGCGCGCCCAACCGGGCGCC 120
QY 121 GAGCCCTGAGCCCTGAGTGGCCCGCGCGCTTGGCTTCTTTCGCCCGGAGTGCAGCG 180
DB 121 GAGCCCTGAGCCCTGAGTGGCCCGCGCGCTTGGCTTCTTTCGCCCGGAGTGCAGCG 180
QY 181 CATCTAGAGAGAGTGGCGCGCTTTCACCTGACAGCCGAGTCCAGGTTACGCG 240
DB 181 CATCTAGAGAGAGTGGCGCGCTTTCACCTGACAGCCGAGTCCAGGTTACGCG 240
QY 241 TATGCTCAAGTACTGTGGTGGGTCAGAGACCCCTTGGACTATGTAGCATGTACAGAA 300
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DB 241 TATGCTCAAGTACTGTGGTGGGTCAGAGACCCCTTGGACTATGTAGCATGTACAGAA 300
QY 301 TGTGGGAGAGCCCTTGTGCTAATACATCCCGAGACTGGACATCATCAGCTTGGGCTGAG 360
DB 301 TGTGGGAGAGCCCTTGTGCTAATACATCCCGAGACTGGACATCATCAGCTTGGGCTGAG 360
QY 361 TGTATCTATGTGTGACACAGAGATCCATGATTTACAGGACAGATGAGACTTGGTTT 420
DB 361 TGTATCTATGTGTGACACAGAGATCCATGATTTACAGGACAGATGAGACTTGGTTT 420
QY 421 TGGCTTTGAGTGAACCTTTCTGTCTGAAGAGAAACTGGGAGTGTGCCCGCCAAACATG 480
DB 421 TGGCTTTGAGTGAACCTTTCTGTCTGAAGAGAAACTGGGAGTGTGCCCGCCAAACATG 480
QY 481 GCCCGAGAGTTAATGACAGGCTTGGACAGATGCTGTCAGTCCAGAGAACACCTTCTG 540
DB 481 GCCCGAGAGTTAATGACAGGCTTGGACAGATGCTGTCAGTCCAGAGAACACCTTCTG 540
QY 541 CAGTGGGAGACATGTGTCTCTGGACAGCCCTTGTGATTAACAGTGAATCAAGATTCAGCA 600
DB 541 CAGTGGGAGACATGTGTCTCTGGACAGCCCTTGTGATTAACAGTGAATCAAGATTCAGCA 600
QY 601 CATGCTGTGACAGAGAGACCCACAGATGAGCCCGTGACAGACACCTTTGGGGTATGTTAC 660
DB 601 CATGCTGTGACAGAGAGACCCACAGATGAGCCCGTGACAGACACCTTTGGGGTATGTTAC 660
QY 661 CTTCCTCCAGATGTGTGTGTGTGTGACATGAGAGCTACATCAGCCCAAGAGTGAACGG 720
DB 661 CTTCCTCCAGATGTGTGTGTGTGTGTGACATGAGAGCTACATCAGCCCAAGAGTGAACGG 720
QY 721 GCAGGAGCATCTGAGAGCTGTGAGCTGAGAGTGTGTGTGTGTGTGTGTGTGTGTGTATAC 780
DB 721 GCAGGAGCATCTGAGAGCTGTGAGCTGAGAGTGTGTGTGTGTGTGTGTGTGTGTGTATAC 780
QY 781 TGAATGCGAGAGAGAGAGACCATATTGAGATCATTCACACTGCAAGAGAGATTGA 840
DB 781 TGAATGCGAGAGAGAGAGACCATATTGAGATCATTCACACTGCAAGAGAGATTGA 840
QY 841 CAAAGGATTCAGAGACAGATGGCTCCACCTGAGTGTGTGTGTGTGTGTGTGTGTGTGTGGA 900
DB 841 CAAAGGATTCAGAGACAGATGGCTCCACCTGAGTGTGTGTGTGTGTGTGTGTGTGTGTGGA 900
QY 901 TGAAGTGAAGCCCGCCCGGAGATGAGAGAGAGAGAGAGAGATCTGATGAGAGACA 960
DB 901 TGAAGTGAAGCCCGCCCGGAGATGAGAGAGAGAGAGAGAGATCTGATGAGAGACA 960
QY 961 GCGCCGAGCATCTCTGGCAAGAGACAGAGAGATCGGGAGAGCCCTGAGAGAGAGACT 1020
DB 961 GCGCCGAGCATCTCTGGCAAGAGACAGAGAGATCGGGAGAGCCCTGAGAGAGAGACT 1020
QY 1021 CGAGATCAACAGACAAACCTGCTCTTCCACCAATCAACCTCAGCGGAGAGATGAGCTGCG 1080
DB 1021 CGAGATCAACAGACAAACCTGCTCTTCCACCAATCAACCTCAGCGGAGAGATGAGCTGCG 1080
QY 1081 CCAAGACCGGAGCCCGAGAGCTCGAAAGACAGCTGGAAGTGAAGCTCCACGCGCATAT 1140
DB 1081 CCAAGACCGGAGCCCGAGAGCTCGAAAGACAGCTGGAAGTGAAGCTCCACGCGCATAT 1140
QY 1141 TCCCATGAGTGAATTTGAGAGCGGAGCTTGAAGCGTAATCTGAAATTTCAACAGAGA 1200
DB 1141 TCCCATGAGTGAATTTGAGAGCGGAGCTTGAAGCGTAATCTGAAATTTCAACAGAGA 1200
QY 1201 GTCCGAGCCCTCATTTCTCTGTGCTTAAAGGAGGCTCTGATGAGAGCGCACTTTAC 1260
DB 1201 GTCCGAGCCCTCATTTCTCTGTGCTTAAAGGAGGCTCTGATGAGAGCGCACTTTAC 1260
QY 1261 ATATTAAGTATCAACAGAGTATCATGAGGATCAAGTTGTCTCAAGGAGTGAAGGCGC 1320
DB 1261 ATATTAAGTATCAACAGAGTATCATGAGGATCAAGTTGTCTCAAGGAGTGAAGGCGC 1320
QY 1321 CTTTGCATGAGAGACATCTTTACGCGGCTCATGAGACCTGTGTTCAACTGTGAACCTA 1380
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Db 1321 CTTTCCACTAGAGAGCATCTTACGCGGCTCATGACCTTGTTACACTTGAACCTA 1380  
QY 1381 TCCTCGAGCTCTGCTCCCTCCGCTCTGGAACGCTTTTCTGCTGAGAGAGGTAAGTCA 1440  
Db 1381 TCCTCGAGCTCTGCTCCCTCCGCTCTGGAACGCTTTTCTGCTGAGAGAGGTAAGTCA 1440  
QY 1441 GCATCTCAATTTTCAGAGAGTCAAGAACCTTGGCCCCCAGAGAGACTTGGAGATGTCAC 1500  
Db 1441 GCATCTCAATTTTCAGAGAGTCAAGAACCTTGGCCCCCAGAGAGACTTGGAGATGTCAC 1500  
QY 1501 ATTGCCCCCTCAGTCCCTGTAATGCTTCCGACCCCAATTCCTCCCAAGCCCCCTGAC 1560  
Db 1501 ATTGCCCCCTCAGTCCCTGTAATGCTTCCGACCCCAATTCCTCCCAAGCCCCCTGAC 1560  
QY 1561 CCCCTAGTGGCGGGGTTCCCACTCCAGTCCCAAAACCCCTTACTCTCCCTGAGAGCC 1620  
Db 1561 CCCCTAGTGGCGGGGTTCCCACTCCAGTCCCAAAACCCCTTACTCTCCCTGAGAGCC 1620  
QY 1621 CCTCAGAGAGCTTACGAGGCGCCAGACCCGCTGCTCCCGAGACATGATCCCTCCCATGG 1680  
Db 1621 CCTCAGAGAGCTTACGAGGCGCCAGACCCGCTGCTCCCGAGACATGATCCCTCCCATGG 1680  
QY 1681 GCTTTTGGCCAGGGAACCGGGCGCGGTGGAGACGAGCTGTGCTTGGCATGTTTCA 1740  
Db 1681 GCTTTTGGCCAGGGAACCGGGCGCGGTGGAGACGAGCTGTGCTTGGCATGTTTCA 1740  
QY 1741 TAAAGTTGCTGTGCTGGAG 1760  
Db 1741 TAAAGTTGCTGTGCTGGAG 1760

RESULT 6  
US-10-158-787-5  
Sequence 5, Application US/10158787  
Publication No. US20040039164A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerlitsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Thomas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3933ORIC449  
CURRENT APPLICATION NUMBER: US/10/158,787  
PRIOR FILING DATE: 2003-04-03  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263

QY 1381 TCCTCGAGCTCTGCTCCCTCCGCTCTGGAACGCTTTTCTGCTGAGAGAGGTAAGTCA 1440  
Db 1381 TCCTCGAGCTCTGCTCCCTCCGCTCTGGAACGCTTTTCTGCTGAGAGAGGTAAGTCA 1440  
QY 1441 GCATCTCAATTTTCAGAGAGTCAAGAACCTTGGCCCCCAGAGAGACTTGGAGATGTCAC 1500  
Db 1441 GCATCTCAATTTTCAGAGAGTCAAGAACCTTGGCCCCCAGAGAGACTTGGAGATGTCAC 1500  
QY 1501 ATTGCCCCCTCAGTCCCTGTAATGCTTCCGACCCCAATTCCTCCCAAGCCCCCTGAC 1560  
Db 1501 ATTGCCCCCTCAGTCCCTGTAATGCTTCCGACCCCAATTCCTCCCAAGCCCCCTGAC 1560  
QY 1561 CCCCTAGTGGCGGGGTTCCCACTCCAGTCCCAAAACCCCTTACTCTCCCTGAGAGCC 1620  
Db 1561 CCCCTAGTGGCGGGGTTCCCACTCCAGTCCCAAAACCCCTTACTCTCCCTGAGAGCC 1620  
QY 1621 CCTCAGAGAGCTTACGAGGCGCCAGACCCGCTGCTCCCGAGACATGATCCCTCCCATGG 1680  
Db 1621 CCTCAGAGAGCTTACGAGGCGCCAGACCCGCTGCTCCCGAGACATGATCCCTCCCATGG 1680  
QY 1681 GCTTTTGGCCAGGGAACCGGGCGCGGTGGAGACGAGCTGTGCTTGGCATGTTTCA 1740  
Db 1681 GCTTTTGGCCAGGGAACCGGGCGCGGTGGAGACGAGCTGTGCTTGGCATGTTTCA 1740  
QY 1741 TAAAGTTGCTGTGCTGGAG 1760  
Db 1741 TAAAGTTGCTGTGCTGGAG 1760

Query Match 100.0%; Score 1760; DB 12; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-158-787-5  
Query Match 100.0%; Score 1760; DB 12; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1381 TCCTCGAGCTCTGCTCCCTCCGCTCTGGAACGCTTTTCTGCTGAGAGAGGTAAGTCA 1440  
Db 1381 TCCTCGAGCTCTGCTCCCTCCGCTCTGGAACGCTTTTCTGCTGAGAGAGGTAAGTCA 1440  
QY 1441 GCATCTCAATTTTCAGAGAGTCAAGAACCTTGGCCCCCAGAGAGACTTGGAGATGTCAC 1500  
Db 1441 GCATCTCAATTTTCAGAGAGTCAAGAACCTTGGCCCCCAGAGAGACTTGGAGATGTCAC 1500  
QY 1501 ATTGCCCCCTCAGTCCCTGTAATGCTTCCGACCCCAATTCCTCCCAAGCCCCCTGAC 1560  
Db 1501 ATTGCCCCCTCAGTCCCTGTAATGCTTCCGACCCCAATTCCTCCCAAGCCCCCTGAC 1560  
QY 1561 CCCCTAGTGGCGGGGTTCCCACTCCAGTCCCAAAACCCCTTACTCTCCCTGAGAGCC 1620  
Db 1561 CCCCTAGTGGCGGGGTTCCCACTCCAGTCCCAAAACCCCTTACTCTCCCTGAGAGCC 1620  
QY 1621 CCTCAGAGAGCTTACGAGGCGCCAGACCCGCTGCTCCCGAGACATGATCCCTCCCATGG 1680  
Db 1621 CCTCAGAGAGCTTACGAGGCGCCAGACCCGCTGCTCCCGAGACATGATCCCTCCCATGG 1680  
QY 1681 GCTTTTGGCCAGGGAACCGGGCGCGGTGGAGACGAGCTGTGCTTGGCATGTTTCA 1740  
Db 1681 GCTTTTGGCCAGGGAACCGGGCGCGGTGGAGACGAGCTGTGCTTGGCATGTTTCA 1740  
QY 1741 TAAAGTTGCTGTGCTGGAG 1760  
Db 1741 TAAAGTTGCTGTGCTGGAG 1760

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QY 841 CAAAGGATCGAGACAGTGGCTCCAACTGAGTGTGTCTAGTGTCCAAAGTGTGCTGGGA 900
Db 841 CAAAGGATCGAGACAGTGGCTCCAACTGAGTGTGTCTAGTGTCCAAAGTGTGCTGGGA 900
QY 901 TGACCTGAGCCGCGCCCGCCGAGATGACGAGAGCAGCGAGCATCTGACATCCGACACA 960
Db 901 TGACCTGAGCCGCGCCCGCCGAGATGACGAGAGCAGCGAGCATCTGACATCCGACACA 960
QY 961 GCGCCGCGGATCTCTGTGCAAAAGACACAGACAGATCCGGAGACCTTGAGAGAGACT 1020
Db 961 GCGCCGCGGATCTCTGTGCAAAAGACACAGACAGATCCGGAGACCTTGAGAGAGACT 1020
QY 1021 CGAGATCAACAGCAAACTGTCTTCCACCAATCAACCTCAAGCGAGAGATGGCTCGC 1080
Db 1021 CGAGATCAACAGCAAACTGTCTTCCACCAATCAACCTCAAGCGAGAGATGGCTCGC 1080
QY 1081 CCACGACCGGCGCCCGGAGCCGCAAGACAGCTGGAAGTGAAGCTCCAGCGCATCAT 1140
Db 1081 CCACGACCGGCGCCCGGAGCCGCAAGACAGCTGGAAGTGAAGCTCCAGCGCATCAT 1140
QY 1141 TCCCATGAGCTGATTTGGCAGCGCGGAGCTTGAAGGTTACATTTGAATTCACACAGA 1200
Db 1141 TCCCATGAGCTGATTTGGCAGCGCGGAGCTTGAAGGTTACATTTGAATTCACACAGA 1200
QY 1201 GTCCGAGCCCTCATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1260
Db 1201 GTCCGAGCCCTCATCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1260
QY 1261 ATATATAAGTATCAAGTATGACATGAGCATCACTTTGTCTTCAAGGAGTGAAGCGCG 1320
Db 1261 ATATATAAGTATCAAGTATGACATGAGCATCACTTTGTCTTCAAGGAGTGAAGCGCG 1320
QY 1321 CTTTGCACTGAGAGAGATCTTACGCGGCTCATGAGCCTGTGTTCAACTTGAACCTTA 1380
Db 1321 CTTTGCACTGAGAGAGATCTTACGCGGCTCATGAGCCTGTGTTCAACTTGAACCTTA 1380
QY 1381 TCCCTGAGAGCTCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1440
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QY 1441 GCATCTCAATTTTACAGAGTCAAGAACTTGGCCCCCAGAGACTTGGCAGATGTCAC 1500
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QY 1501 ATTGCCCCCTAGTCCCTGTAATGCCCTTGGGACCCCAATCCCAATCCCAAGCCCTGAC 1560
Db 1501 ATTGCCCCCTAGTCCCTGTAATGCCCTTGGGACCCCAATCCCAATCCCAAGCCCTGAC 1560
QY 1561 CCCCTAGCTGCGGCGGTTTCCCACTCCGAGTGCACAAACCCCTCACCTCCCTGGAGGC 1620
Db 1561 CCCCTAGCTGCGGCGGTTTCCCACTCCGAGTGCACAAACCCCTCACCTCCCTGGAGGC 1620
QY 1621 CCTGAGGAGCCTGAGGCGCAGCAACCCGCTGCTGCCAGACATGATGCTCCCTCCATG 1680
Db 1621 CCTGAGGAGCCTGAGGCGCAGCAACCCGCTGCTGCCAGACATGATGCTCCCTCCATG 1680
QY 1681 GCTGTTCCCAAGGAAACCGGCGGCGGTGGGAAAGAGCTGCTGCTGCGCATGTTTCA 1740
Db 1681 GCTGTTCCCAAGGAAACCGGCGGCGGTGGGAAAGAGCTGCTGCTGCGCATGTTTCA 1740
QY 1741 TAAAGTGTGTGTGTGGAG 1760
Db 1741 TAAAGTGTGTGTGTGGAG 1760

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RESULT 7

US-10-140-024-5  
 ; Sequence 5, Application US/10140024  
 ; Publication No. US20040058424A1

; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: Deforge, Laura

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; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Guernsey, Paul J.
; APPLICANT: Harney, Aneirin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Maranabe, Colin X
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C69
; CURRENT APPLICATION NUMBER: US/10/140,024
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-140-024-5

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Query Match 100.0%; Score 1760; DB 12; Length 1760;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 8  
 US-10-028-072-5  
 Sequence 5, Application US/10028072  
 Publication No. US20030004311A1

GENERAL INFORMATION:  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerltzen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang

TITLE OF INVENTION:  
 FILE REFERENCE:  
 CURRENT APPLICATION NUMBER: US/10/028,072  
 CURRENT FILING DATE: 2001-12-19  
 PRIOR APPLICATION NUMBER: 60/049911  
 PRIOR FILING DATE: 1997-06-18  
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PRIOR FILING DATE: 1998-07-07

Query Match 100.0%; Score 1760; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1741 TAAAGTGTCTGTCTGGGAG 1760

RESULT 9  
US-10-121-049-5  
Sequence 5, Application US/10121049  
Publication No. US200302239A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvarole, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P9330R1C17  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 5  
LENGTH: 1760

TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-121-049-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 421 TGGCTTTGAGTGAACCTTCTGCTGAGAGAGAAAGTGGGAGTCTGCGCCCAACGATG 480
QY 481 GCGCGCAAGTGAATGCAAGGCTTGGCAAGATACGTTTCCAGTCAAGAAACACCTTCTG 540
DB 481 GCGCGCAAGTGAATGCAAGGCTTGGCAAGATACGTTTCCAGTCAAGAAACACCTTCTG 540
QY 541 CAGTGGGAGACCATGCTCTGAGCAAGGCTTGGATTAACAGTGAAGTCAAGTTACGA 600
DB 541 CAGTGGGAGACCATGCTCTGAGCAAGGCTTGGATTAACAGTGAAGTCAAGTTACGA 600
QY 601 CATGCTGTGACAGAGAGCCCAAGATGCAAGCCGCTGAGCAACCTTGGGGTATGAC 660
DB 601 CATGCTGTGACAGAGAGCCCAAGATGCAAGCCGCTGAGCAACCTTGGGGTATGAC 660
QY 661 CTTCCTCCAGATCGTTGGTGTCTGACCTGAGAGACTCACTGAGCCCAAGTGAAGTGA 720
DB 661 CTTCCTCCAGATCGTTGGTGTCTGACCTGAGAGACTCACTGAGCCCAAGTGAAGTGA 720
QY 721 GCAAGGAGATCCTGAGAGCTGCTGAGCAAGTGCCTATTGCTGCGCGCCCTGCTGATAC 780
DB 721 GCAAGGAGATCCTGAGAGCTGCTGAGCAAGTGCCTATTGCTGCGCGCCCTGCTGATAC 780
QY 781 TGAATCGGAGGAGGAGAGCAATATTGAGATTCACACCTGGAAGAGAGTGA 840
DB 781 TGAATCGGAGGAGGAGAGCAATATTGAGATTCACACCTGGAAGAGAGTGA 840
QY 841 CAAAGGATGAGACAGATGAGCTCAACCTGAGTGTGTCAAGTGCAGTGTGCTGAG 900
DB 841 CAAAGGATGAGACAGATGAGCTCAACCTGAGTGTGTCAAGTGTGCTGAG 900
QY 901 TGACCTGAGCGGCGCCCGGAGTGAAGAGAGCCGAGCATCTGCAATCGGCACACA 960
DB 901 TGACCTGAGCGGCGCCCGGAGTGAAGAGAGCCGAGCATCTGCAATCGGCACACA 960
QY 961 GCGCCGAGGACTCTCTGCAAGAGCAAGAGCATCCGAGAGACCTGAGAGAGGACT 1020

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DB 961 GCGCCGAGGACTCTCTGCAAGAGCAAGAGCATCCGAGAGACCTTGAAGAGAGACT 1020
QY 1021 CGAGATCAACAGCAAACTGTCTTCCACCAATCAACCTTACGCGGAGAGTGCCTGCG 1080
DB 1021 CGAGATCAACAGCAAACTGTCTTCCACCAATCAACCTTACGCGGAGAGTGCCTGCG 1080
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DB 1081 CCAGACCGGCGCCCGAGCGGAGAGAGAGAGTGAAGTGAAGTGAAGTGAAGTGAAG 1140
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DB 1141 TCCCATGAGTGAATTCAGAGCGGAGCTTGAAGAGCTTGAATTCAGAGAG 1200
QY 1201 GTCCGAGGCGCTCATCTCTGCTGCTAAGGAGGAGCTTGAAGAGAGAGAGAGAG 1260
DB 1201 GTCCGAGGCGCTCATCTCTGCTGCTAAGGAGGAGCTTGAAGAGAGAGAGAGAG 1260
QY 1261 ATATTAAGATACAGAGTGAATGAGATGAGATGAGATGAGATGAGATGAGATGAG 1320
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QY 1321 CTTTGGCACTGAGAGAGATCTTACGCGGCTATGAGACCTGTTACAACTGTAACCTA 1380
DB 1321 CTTTGGCACTGAGAGAGATCTTACGCGGCTATGAGACCTGTTACAACTGTAACCTA 1380
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DB 1381 TCCTCGAGAGCTGAGCTTCCGCTCTGAGAGAGCTTCTGAGAGAGAGAGAGAGAG 1440
QY 1441 GCATCTCAATTTTCAAGAGCTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1500
DB 1441 GCATCTCAATTTTCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1500
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DB 1501 ATGAGCCCTCAGTCCCTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560
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DB 1561 CCCCTAGCTGCGGAGGATCCCACTCCAGTGCAGAGAGAGAGAGAGAGAGAGAGAG 1620
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DB 1621 CCTGAGAGAGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1680
QY 1681 GCTGTTGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1740
DB 1681 GCTGTTGCCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1740
QY 1741 TAAAGTTGCTGTGCTGGAG 1760
DB 1741 TAAAGTTGCTGTGCTGGAG 1760

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## RESULT 10

US-10-123-904-5

Sequence 5, Application US/10123904

Publication No. US20030022328A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 TITLE OF INVENTION: ACIDS ENCODING THE SAME  
 FILE REFERENCE: P330R1C54  
 CURRENT APPLICATION NUMBER: US/10/123,904  
 PRIOR FILING DATE: 2002-04-16  
 PRIOR APPLICATION REMOVED - See File Wrapper or Palm  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 5  
 LENGTH: 1760  
 TYPE: DNA  
 ORGANISM: Homo Sapien  
 US-10-123-904-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCGCTGCGCCGCTAGAGCTCTCCCGCTGTTGCCCTTCACAGTTCCCGAGTGCCTGC 60  
 DB 1 CCGCTGCGCCGCTAGAGCTCTCCCGCTGTTGCCCTTCACAGTTCCCGAGTGCCTGC 60  
 QY 61 CCAAGACCCCGAGTGGCGAGCTGCGGCTAGAGCGCGCCCGGCGCCCAAGCGGCGCC 120  
 DB 61 CCAAGACCCCGAGTGGCGAGCTGCGGCTAGAGCGCGCCCGGCGCCCAAGCGGCGCC 120  
 QY 121 GGGCCCTGGCCCGAGCTGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180  
 DB 121 GGGCCCTGGCCCGAGCTGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180  
 QY 121 GGGCCCTGGCCCGAGCTGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180  
 DB 121 GGGCCCTGGCCCGAGCTGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180  
 QY 181 CATCTAGAGAGTGGCGGCGGCTTACCTGACCGAGCGGAGCGGCGGCGGCGGCGGCGGCG 240  
 DB 181 CATCTAGAGAGTGGCGGCGGCTTACCTGACCGAGCGGAGCGGCGGCGGCGGCGGCGG 240  
 QY 241 TATGTCAGTACTGTTGGGTGGCGGCGGAGCGGCTGAGCTATGTTAGCATGTACAGAA 300  
 DB 241 TATGTCAGTACTGTTGGGTGGCGGCGGAGCGGCTGAGCTATGTTAGCATGTACAGAA 300  
 QY 301 TGGGGGAGCGGCTTCTGCTAACTCCCGGAGCACTGGCACTAATAGCTTGGGCTGAG 360  
 DB 301 TGGGGGAGCGGCTTCTGCTAACTCCCGGAGCACTGGCACTAATAGCTTGGGCTGAG 360  
 QY 361 TGAATCTATGAGTGAACAAGAGTCACTGATTTACAGAAAGATGAGCTAGTGTGTT 420  
 DB 361 TGAATCTATGAGTGAACAAGAGTCACTGATTTACAGAAAGATGAGCTAGTGTGTT 420  
 QY 421 TGGCTTGAAGTGAACCTTTGCTGTAAGAGAAAGCTGGGAGTCTGCGCCCAACAAATG 480  
 DB 421 TGGCTTGAAGTGAACCTTTGCTGTAAGAGAAAGCTGGGAGTCTGCGCCCAACAAATG 480  
 QY 481 GCCCGAGAGTTAAGAGGCTTGGCAAGATAGTTCAGATCAGAGAAACCTTTG 540  
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 DB 541 CAGTGGGAGCAATGTCTGCGCAAGCTTGGATTAACAGTGAATTAAGAAATTCAGA 600  
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 DB 601 CATGCTCTGACAGAGAGCCACAGATGACAGCCCGTGGAGCAACCTTTGGGGTAACTTC 660  
 QY 661 CTTCCTCCAGATGTTGTTGTTGCTGCACTGAAGAGCTACACTGACCCAGAGAGTGAAC 720  
 DB 661 CTTCCTCCAGATGTTGTTGTTGCTGCACTGAAGAGCTACACTGACCCAGAGAGTGAAC 720  
 QY 721 GGAAGGATCTGAGTGTGCTGCGAGAGTGGCTATTTGCTGGGGGCGGCTGCTGATAC 780  
 DB 721 GGAAGGATCTGAGTGTGCTGCGAGAGTGGCTATTTGCTGGGGGCGGCTGCTGATAC 780

QY 781 TGACATGCGGAGGAGAGACCATATTTGAGATGATCAACCTGCAAGAGAGATTGA 840  
 DB 781 TGACATGCGGAGGAGAGACCATATTTGAGATGATCAACCTGCAAGAGAGATTGA 840  
 QY 841 CAAAGGATTCAGAGATGCTGCTCAACCTAGTGTGCTGCTGCTGCTGCTGCTGCTGCTG 900  
 DB 841 CAAAGGATTCAGAGATGCTGCTCAACCTAGTGTGCTGCTGCTGCTGCTGCTGCTGCTG 900  
 QY 901 TGACCTGAGCGGCGGCGGCGGAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 960  
 DB 901 TGACCTGAGCGGCGGCGGCGGAGTGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 960  
 QY 961 GCGCGGAGCTCTCTGCGAAAGAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020  
 DB 961 GCGCGGAGCTCTCTGCGAAAGAGACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1020  
 QY 1021 CGAGATCAACAGCAACCTGCTTCCACATCAACCTGAGCGGAGAGAGAGAGAGAGAG 1080  
 DB 1021 CGAGATCAACAGCAACCTGCTTCCACATCAACCTGAGCGGAGAGAGAGAGAGAGAG 1080  
 QY 1081 CCAAGACCGGCGGCGGAG 1140  
 DB 1081 CCAAGACCGGCGGCGGAG 1140  
 QY 1141 TCCCATGAGGATTTGAGAGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
 DB 1141 TCCCATGAGGATTTGAGAGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200  
 QY 1201 GTCGAGAGCGGCTGCTCTCTGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1260  
 DB 1201 GTCGAGAGCGGCTGCTCTCTGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1260  
 QY 1261 ATATAAGATATCAAG 1320  
 DB 1261 ATATAAGATATCAAG 1320  
 QY 1321 CTTTGCATGAG 1380  
 DB 1321 CTTTGCATGAG 1380  
 QY 1381 TCCCTGAGAGCTGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1440  
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 QY 1441 GCATCTCAATTTTCAAG 1500  
 DB 1441 GCATCTCAATTTTCAAG 1500  
 QY 1501 ATTGCGGCTGAGTCCCTGGAATGCTTGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1560  
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 DB 1561 CCGCTAGAGTGGCGGAGGTTCCCACTCCAGTCCCAACCCCTCACTCCCTGAGAGAGAG 1620  
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 DB 1621 CCGCTAGAGTGGCGGAGGTTCCCACTCCAGTCCCAACCCCTCACTCCCTGAGAGAGAG 1680  
 QY 1681 GCTGTTGCGGAG 1740  
 DB 1681 GCTGTTGCGGAG 1740  
 QY 1741 TAAAGTTGCTGCTGGAG 1760  
 DB 1741 TAAAGTTGCTGCTGGAG 1760

RESULT 11  
 US-10-140-470-5  
 ; Sequence 5, Application US/10140470

Publication No. US2003002231A1  
 GENERAL INFORMATION:  
 APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Godard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas Daniel  
 APPLICANT: Macanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 TITLE OF INVENTION: ACIDS ENCODING THE SAME  
 FILE REFERENCE: P330R1C160  
 CURRENT APPLICATION NUMBER: US/10/140,470  
 CURRENT FILING DATE: 2002-05-06  
 Prior Application removed - See Palm or File Wrapper  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 5  
 LENGTH: 1760  
 TYPE: DNA  
 ORGANISM: Homo Sapien  
 US-10-140-470-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 1 CCCGTCGCGCCGTAGTGTCTCCCGTCGTTCCCTCCCAATTCCTCCGAGGCTGC 60  
 1 CCGGTCGCGCCGTAGTGTCTCCCGTCGTTCCCTCCCAATTCCTCCGAGGCTGC 60  
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 841 CAAAGGATGAGAGAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 900  
 841 CAAAGGATGAGAGAGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 900  
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 901 TGACCTGAGCGCGCGCGCGAGATGAGAGAGACCGGAGCATCTGCTGCTGCTGCT 960  
 961 GCGCGGAGCATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1020  
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 1021 CGAGATCAACAGCAACCTGCTTCTTCCACCAATCAACCTTACGCGGAGATGCT 1080  
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 1081 CCAAGACGCGCGCGCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1140  
 1141 TCCCATGAGCTGATTCGACGCGGACCTTGAAGCGTACATCTGAATTCACAGAG 1200  
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 1201 GTCGAGGCGCTGATTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1260  
 1201 GTCGAGGCGCTGATTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1260  
 1261 ATATTAAGTATCAAGAGTGAATGAGGATGAGGATGAGGATGAGGATGAGGAT 1320  
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 1321 CTTCGCACTGAGAGATCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1380  
 1381 TCCCTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1440  
 1381 TCCCTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1440  
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 1501 ATTGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1560  
 1501 ATTGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1560  
 1561 CCGCTAGCTGCGCGGCTTCCCACTCCAGTGCACACCCCTCACTCCCTGCGAGCC 1620  
 1561 CCGCTAGCTGCGCGGCTTCCCACTCCAGTGCACACCCCTCACTCCCTGCGAGCC 1620  
 1621 CCTCAGAGGCTGAGGCGCAGAGACCGGCTGCTGCTGCTGCTGCTGCTGCTGCT 1680



Db 1621 CCTCAGCAGAGCTGAGGCCAGCACCCTGCTCCCAAGACATGATGCTCCCTCCATG 1680  
QY 1681 GCTGTGCCAGGGAACCGGCGCGGAGGAAACGAGCTGTGGGCTTGGGCAATGTTTCA 1740  
Db 1681 GCTGTGCCAGGGAACCGGCGCGGAGGAAACGAGCTGTGGGCTTGGGCAATGTTTCA 1740  
QY 1741 TAAAGTTGCTGTGCTGGAG 1760  
Db 1741 TAAAGTTGCTGTGCTGGAG 1760  
RESULT 12  
US-10-175-746-5  
Sequence 5, Application US/10175746  
Publication No. US2003002720A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Geriltsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P33081C353  
CURRENT FILING DATE: 2002-06-19  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 5  
LENGTH: 1760  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-175-746-5  
Query Match 100.0%; Score 1760; DB 14; Length 1760;  
Best Local Similarity 100.0%; Pred. No. 0;  
Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 CCCGCTGCGCGCTCAGTCTCTCCCGCTGCTTGGCTCTCCAGTTCCCGCAGTGCCTGC 60  
Db 1 CCCGCTGCGCGCTCAGTCTCTCCCGCTGCTTGGCTCTCCAGTTCCCGCAGTGCCTGC 60  
QY 61 CCTAAGCACCCTGATGCGAGCTGCGGCTTACCGGCGCGCGCGCGCGCGCGCGCGCG 120  
Db 61 CCTAAGCACCCTGATGCGAGCTGCGGCTTACCGGCGCGCGCGCGCGCGCGCGCGCG 120  
QY 121 GCGCCCTGCGCGCGCTGCG 180  
Db 121 GCGCCCTGCGCGCGCTGCG 180  
QY 181 CATCTACGAGAGTGCAGCGCGCTTTACCTGACCAAGCGGACCGGCTCCAGGTTACCGC 240  
Db 181 CATCTACGAGAGTGCAGCGCGCTTTACCTGACCAAGCGGACCGGCTCCAGGTTACCGC 240  
QY 241 TATGCTCAAGTACTGCTGAGTGGGCGGAGACCGCTTGGATATGTAGACATGACAGAA 300  
Db 241 TATGCTCAAGTACTGCTGAGTGGGCGGAGACCGCTTGGATATGTAGACATGACAGAA 300  
QY 301 TGTGGGAGCCCTTCTGCTAACATCCCGAGACCTGGACATACATCAGCTTCCGCGTGA 360  
Db 301 TGTGGGAGCCCTTCTGCTAACATCCCGAGACCTGGACATACATCAGCTTCCGCGTGA 360

QY 361 TGATCTCATGTGTGACAAACAGATCCATGAGTTTACAGAAACAGATGATGATGATGATG 420  
Db 361 TGATCTCATGTGTGACAAACAGATCCATGAGTTTACAGAAACAGATGATGATGATGATG 420  
QY 421 TGGCTTTGAGTTGACCTTTGCTGAGAGAGAAATCGGAGAGTCTCCCAACATG 480  
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QY 481 GCGCGCAGAGTTAATGAGAGGCTTGGCAGATACGTGTTCCAGTACAGAAACCTTTCTG 540  
Db 481 GCGCGCAGAGTTAATGAGAGGCTTGGCAGATACGTGTTCCAGTACAGAAACCTTTCTG 540  
QY 541 CAGTGGGAGCAATGTCTCTGAGCAGAGCCCTTGGATTAAGTGAATCAAGAAATTGAGA 600  
Db 541 CAGTGGGAGCAATGTCTCTGAGCAGAGCCCTTGGATTAAGTGAATCAAGAAATTGAGA 600  
QY 601 CATGCTGCTGACAGAGAGCCCAAGATGACAGCCCGTGCAGACACCTTTGGGGTAGTTAC 660  
Db 601 CATGCTGCTGACAGAGAGCCCAAGATGACAGCCCGTGCAGACACCTTTGGGGTAGTTAC 660  
QY 661 CTTCCTCAGATGCTGTGCTGCACTGAAAGCTAACACTCAGCCCGAGAGTGAACCG 720  
Db 661 CTTCCTCAGATGCTGTGCTGCACTGAAAGCTAACACTCAGCCCGAGAGTGAACCG 720  
QY 721 GCAAGGCAATCTGAGAGCTGCGGACAGTGCCTTATGCTGCGCGCCCTGCTGATTAAC 780  
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Db 781 TGACATGCGGAGGAGAGACCATATTTGAGATCCATCCACACTGACAGAGAGTTGA 840  
QY 841 CAAAGGATGAGACAGATGCTCCACACTGAGTGTGTCAGTGCAGGAGTGTGCTGGGA 900  
Db 841 CAAAGGATGAGACAGATGCTCCACACTGAGTGTGTCAGTGCAGGAGTGTGCTGGGA 900  
QY 901 TGAATGAGCG 960  
Db 901 TGAATGAGCG 960  
QY 961 GCGCCGCGCGAGCTCTGCGCAAGACACAGAGACAGATCCGCGAGACCTTGAAGAGAGACT 1020  
Db 961 GCGCCGCGCGAGCTCTGCGCAAGACACAGAGACAGATCCGCGAGACCTTGAAGAGAGACT 1020  
QY 1021 CGAGATCAACAGCAAACTGTCTTCCACCAATCAACCTCAGCGGACAGATGCTGCGC 1080  
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QY 1081 CCAAGACCGGCG 1140  
Db 1081 CCAAGACCGGCG 1140  
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Db 1201 GTCCGAGGCTTATCTCTCTCTGCTTAAAGGCGAGGCTCTGATGACGCGCATTTAC 1260  
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Db 1321 CTTTGCATGAGAGGATCTTTAGCGCGGCTATGAGACCTTGTTTAACTTGAACCTTA 1380  
QY 1381 TCCCTGAGAGCTGCGCGCTTCCGCTGAGAACTGTTTCTGAGCGGAGAGAGAGTAACTA 1440  
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Db      1201  GTCCGAGGCCCTCATTCCTCTCTGCTGACGAGGGGACAGGCTCCTGCATGAGACGGCACTTTAC 1260
QY      1261  ATATATAAAGTATACACAGGTGAATAGGCCATCAAGTTTGTCTTCACAGGAGAGTGAAGGCGC 1320
Db      1261  ATATATAAAGTATACACAGGTGAATAGGCCATCAAGTTTGTCTTCACAGGAGAGTGAAGGCGC 1320
QY      1321  CTTTGCCACTGAGAGGACATCTCTTAAGCGGCGCTATAGAACCTTGCGGTATACAACTCTGAACCTA 1380
Db      1321  CTTTGCCACTGAGAGGACATCTCTTAAGCGGCGCTATAGAACCTTGCGGTATACAACTCTGAACCTA 1380
QY      1381  TCCCTGGAGCTCTGCCCTTCGCGTCCGTGAAACGTCTTTCTGCCCTGAGGAGAGGGTATGCA 1440
Db      1381  TCCCTGGAGCTCTGCCCTTCGCGTCCGTGAAACGTCTTTCTGCCCTGAGGAGAGGGTATGCA 1440
QY      1441  GGAATCCCAATTTTACAGACGCTCAGAAACCTTGGGCCCCACAGACCTTGCAGATGTAC 1500
Db      1441  GGAATCCCAATTTTACAGACGCTCAGAAACCTTGGGCCCCACAGACCTTGCAGATGTAC 1500
QY      1501  ATTGCCCTCAGTCCCTCGTAATAGCCCTTCGAGCCCAACCCCAATTCGCCAAGCCCTGCAC 1560
Db      1501  ATTGCCCTCAGTCCCTCGTAATAGCCCTTCGAGCCCAACCCCAATTCGCCAAGCCCTGCAC 1560
QY      1561  CCCCTAGCTGCCGGGCTTCCACTCTCCAGTGCACACATCCCTCACTCTCCCTGGACGCC 1620
Db      1561  CCCCTAGCTGCCGGGCTTCCACTCTCCAGTGCACACATCCCTCACTCTCCCTGGACGCC 1620
QY      1621  CCTCAGCAGACCTGAGAGCCCAAGACCCGCTGAGCTCCCGACAGACATGGTCCCTCCATGG 1680
Db      1621  CCTCAGCAGACCTGAGAGCCCAAGACCCGCTGAGCTCCCGACAGACATGGTCCCTCCATGG 1680
QY      1681  GCTGTGTCACAGGAAACCGGGGCGGAGTGGAGAACAGCTGTGAGCTCTGGACTCTGGATTTTCAA 1740
Db      1681  GCTGTGTCACAGGAAACCGGGGCGGAGTGGAGAACAGCTGTGAGCTCTGGACTCTGGATTTTCAA 1740
QY      1741  TAAAGTTGCTGTGCTGGAG 1760
Db      1741  TAAAGTTGCTGTGCTGGAG 1760

RESULT 14
US-10-176-921-5
; Sequence 5, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/176,921
; Prior Application removed - See File Wrapper or Paim
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 5
; LENGTH: 1760
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-176-921-5

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Query Match	Best Local Similarity	100.0%*	Score 1760;	DB 14;	Length 1760;			
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Db	1	CCCGCTGAGCCGCTACGTGCTCTCCCGTGTGTTGCTCTCCAGTTCCCGCAGTGCCTGC	60					
QY	61	CCTACGACCCCGAGTGGGAGAGCTCCGAGCTAGACGGAGCCCGCCGACACCGAGCCGCC	120					
Db	61	CCTAGGACCCCGAGTGGGAGAGCTCCGAGCTAGACGGAGCCCGCCGACACCGAGCCGCC	120					
QY	121	GCGCCCTGGCCCGATGCTGCCCCCCCGGGCTTGCCTTGCCTTTTCCCGGGACCTGCAGC	180					
Db	121	GCGCCCTGGCCCGATGCTGCCCCCCCGGGCTTGCCTTGCCTTTTCCCGGGACCTGCAGC	180					
QY	181	CATCTACGAGAGAGTCCCGCGCTTTACCTCGACAGCGGAACCGGCTCCAGGTTAACCG	240					
Db	181	CATCTACGAGAGAGTCCCGCGCTTTACCTCGACAGCGGAACCGGCTCCAGGTTAACCG	240					
QY	241	TATCGTCAAGTATCTGTTGGGTGGCCAGACCCCTTGACTATGTTAGCATGTACAGAA	300					
Db	241	TATCGTCAAGTATCTGTTGGGTGGCCAGACCCCTTGACTATGTTAGCATGTACAGAA	300					
QY	301	TGTGGGAGACCTTCTGTCTAACATCCCGAGACATGGACTACATCAGCTTCGGCTTAG	360					
Db	301	TGTGGGAGACCTTCTGTCTAACATCCCGAGACATGGACTACATCAGCTTCGGCTTAG	360					
QY	361	TGATCTTATGTGTGCAACAGATGTCATGATTTACAGGAACAGATGACCTAGTGTTT	420					
Db	361	TGATCTTATGTGTGCAACAGATGTCATGATTTACAGGAACAGATGACCTAGTGTTT	420					
QY	421	TGCTTTGATGTGACCTTTCGCTCGAAGAGAGAACTGGGGAGTCCGCCACCAAGT	480					
Db	421	TGCTTTGATGTGACCTTTCGCTCGAAGAGAGAACTGGGGAGTCCGCCACCAAGT	480					
QY	481	GCCGCGAGAGTTAATGCAAGGCTTTGGCAGATAGTGTTCAGTCAGAGAACACCTTCTG	540					
Db	481	GCCGCGAGAGTTAATGCAAGGCTTTGGCAGATAGTGTTCAGTCAGAGAACACCTTCTG	540					
QY	541	CAGTGGGAGACCATGTCCTGGACAGGCCCTTGAATACAGTAGAGTCAGAAATTACGA	600					
Db	541	CAGTGGGAGACCATGTCCTGGACAGGCCCTTGAATACAGTAGAGTCAGAAATTACGA	600					
QY	601	CATGCTGTGACAGAGAACCCACAGATGCAACCCGTGCAACACCTTTGGGGTAGTTAC	660					
Db	601	CATGCTGTGACAGAGAACCCACAGATGCAACCCGTGCAACACCTTTGGGGTAGTTAC	660					
QY	661	CTTCCCTCAGATCTTGGTGTCTCAGCTGAAGAGCTACACTCAGGCCAGAGAGTGAACG	720					
Db	661	CTTCCCTCAGATCTTGGTGTCTCAGCTGAAGAGCTACACTCAGGCCAGAGAGTGAACG	720					
QY	721	GCAGGAGCATCTGAGAGCTGCTGCGGACAGTGCCTATTGCTGGCGGCCCTGCTGATAC	780					
Db	721	GCAGGAGCATCTGAGAGCTGCTGCGGACAGTGCCTATTGCTGGCGGCCCTGCTGATAC	780					
QY	781	TGACATCGAGAGGGGAGAGACATATTGTAGATCGATCCACACCTGCAAGAGAGTGA	840					
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QY	841	CAAAGGCAATCGAGACAGATGGCTTCACCTGAGTGTGTCAATGTCACAGTGTGCTGGGA	900					
Db	841	CAAAGGCAATCGAGACAGATGGCTTCACCTGAGTGTGTCAATGTCACAGTGTGCTGGGA	900					
QY	901	TGACCTGAGCGGCGCCCGAGGAGTACAGAGACAGCGGAGCATCTGCATTCGGCACACA	960					
Db	901	TGACCTGAGCGGCGCCCGAGGAGTACAGAGACAGCGGAGCATCTGCATTCGGCACACA	960					
QY	961	GCCCCGGGCACTCTTGGCAAAACACAGAGAGATTCGGGAGACCTTGAGAGAGAGACT	1020					
Db	961	GCCCCGGGCACTCTTGGCAAAACACAGAGAGATTCGGGAGACCTTGAGAGAGAGACT	1020					

QY 1021 CGAGATCAACAGCAAACTGTCCTTCCACCATCAACCTCAGCGGAGATGCGCCG 1080  
 DB 1021 CGAGATCAACAGCAAACTGTCCTTCCACCATCAACCTCAGCGGAGATGCGCCG 1080  
 QY 1081 CCAGACCGCGGCCCCCGAGCCGCAAGACAGCTGTAAGTGAACAGCTCCACGCGCATCAT 1140  
 DB 1081 CCAGACCGCGGCCCCCGAGCCGCAAGACAGCTGTAAGTGAACAGCTCCACGCGCATCAT 1140  
 QY 1141 TCCCATAGCTGATGTCAGCGGAGCTGAGAGGATCATGTGAATTCACACGAGA 1200  
 DB 1141 TCCCATAGCTGATGTCAGCGGAGCTGAGAGGATCATGTGAATTCACACGAGA 1200  
 QY 1201 GTCCGAGACCTCAATTCCTCTCTGCTTAAGGAGGAGGCTCTGATGAGACGCACTTTAC 1260  
 DB 1201 GTCCGAGACCTCAATTCCTCTCTGCTTAAGGAGGAGGCTCTGATGAGACGCACTTTAC 1260  
 QY 1261 ATATAAAGATGTCAGGTCATGAGCATGAGCTGTTGTCCACGCGGAGTGAAGGCGC 1320  
 DB 1261 ATATAAAGATGTCAGGTCATGAGCATGAGCTGTTGTCTCCACGCGGAGTGAAGGCGC 1320  
 QY 1321 CTTCGCACTGAGAGAGATCTTACGCGGCTCATGAGACCTGATTACACTTGAACTTA 1380  
 DB 1321 CTTCGCACTGAGAGAGATCTTACGCGGCTCATGAGACCTGATTACACTTGAACTTA 1380  
 QY 1381 TCCGAGAGCTGCTGCTCCGCTCTGAGAGAGTCTTTCTGCTGAGAGAGGAGTATCA 1440  
 DB 1381 TCCGAGAGCTGCTGCTCCGCTCTGAGAGAGTCTTTCTGCTGAGAGAGGAGTATCA 1440  
 QY 1441 GCATCTCCAAATTTTCAGAGCTCAAGAACCTTGGCCCCCAGAGACTTGGCAATGTGAC 1500  
 DB 1441 GCATCTCCAAATTTTCAGAGCTCAAGAACCTTGGCCCCCAGAGACTTGGCAATGTGAC 1500  
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 DB 1501 ATTGCCCCCTGAGTCCCCCTGAGTGGCTTTGGAACCCCAATCCCAAGCCCTGAC 1560  
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 QY 1621 CCTCAGCAGAGCTTGAAGCCCAAGACCGGCTGCTCCCAAGACATGTTCCCTCCATG 1680  
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 QY 1681 GCTGTTGCCAGGAGACCGGCGCGGTTGGAGACAGAGTGTGCTCGGAGATGTTCAA 1740  
 DB 1681 GCTGTTGCCAGGAGACCGGCGCGGTTGGAGACAGAGTGTGCTCGGAGATGTTCAA 1740  
 QY 1741 TAAAGTTGCTGTGCTGGAG 1760  
 DB 1741 TAAAGTTGCTGTGCTGGAG 1760

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 US-10-137-865-5

; Sequence 5, Application US/10137865  
 ; Publication No. US20030032155A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: Derogse, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerilisen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tunas, Daniel  
 ; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P330R1C154  
 ; CURRENT APPLICATION NUMBER: US/10/137,865  
 ; PRIORITY FILING DATE: 2002-05-03  
 ; PRIOR APPLICATION REMOVED - See Palm or File Wrapper  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 5  
 ; LENGTH: 1760  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapien  
 ; US-10-137-865-5

Query Match 100.0%; Score 1760; DB 14; Length 1760;  
 Best Local Similarity 100.0%; Pred. No. 0;  
 Matches 1760; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CCCGCTGGCCGCTCAGTGTCTCTCCCGTGTGCTTGTGCTCTCAGTTCCTCCAGTGCCTGC 60  
 DB 1 CCCGCTGGCCGCTCAGTGTCTCTCCCGTGTGCTTGTGCTCTCAGTTCCTCCAGTGCCTGC 60  
 QY 61 CCTACGACCCCGAGTGGAGAGCTGAGGCTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGG 120  
 DB 61 CCTACGACCCCGAGTGGAGAGCTGAGGCTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGG 120  
 QY 121 GAGCCCTGGCCGAGTGGCCCGCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180  
 DB 121 GAGCCCTGGCCGAGTGGCCCGCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180  
 QY 181 CATCTACGAGAGAGTGGCCCGCTTACCTGACAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 240  
 DB 181 CATCTACGAGAGAGTGGCCCGCTTACCTGACAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 240  
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 DB 241 TATGCTCAAGTACTGTTGGGTGGGCGAGACCCCTGAGTATGTTAGCATGTACAGAGAA 300  
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 QY 421 TGGCTTTGAGTGAACCTTCTGTAAGAGAGAACTGGGAGTGTGCTCCACCAATG 480  
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 DB 481 GCCCGAGAGTAAATGACAGGAGGCTGACAGTACGTTCCAGTCAGAGAAACCTTCTG 540  
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 QY 601 CATGCTGCTGACAGAGAGCCCAAGATGAGCCGCTGAGACACCTTTGGGGTATGATC 660  
 DB 601 CATGCTGCTGACAGAGAGCCCAAGATGAGCCGCTGAGACACCTTTGGGGTATGATC 660  
 QY 661 CTTCCTCCAGATGTTGGTGTGCTGAGAGAGTCACTCAAGCCAGCAGTGAAGG 720  
 DB 661 CTTCCTCCAGATGTTGGTGTGCTGAGAGAGTCACTCAAGCCAGCAGTGAAGG 720  
 QY 721 GAGGAGGAGTCCGAGAGTGTGCGAGAGTGTGCTGAGAGAGTGTGCTGAGAGAGTGAAC 780  
 DB 721 GAGGAGGAGTCCGAGAGTGTGCGAGAGTGTGCTGAGAGAGTGTGCTGAGAGAGTGAAC 780  
 QY 781 TGACATGCGAGAGGAGAGACATATTTGAGTGCATCACTGCAAGAGAGTGA 840

Db 781 TGACATGCGAGGAGAGACCATATTGATGATCAACCTGCAAGAGAGATTGA 840  
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QY 901 TGACCTGAGCGGAGCGGAGGAGTGAAGAGACAGCGGAGCATCTGCAATCGACACA 960  
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QY 1141 TCCCATGAGCTGATTGCGACGCGGAGCTTGAAGGCTACATCTGAATTCAACAGGA 1200  
Db 1141 TCCCATGAGCTGATTGCGACGCGGAGCTTGAAGGCTACATCTGAATTCAACAGGA 1200  
QY 1201 GTCCGAGCGCTCAATTCTCTCTGCTTAAGGGGAGGCTCTGATGAGCGCATTTAC 1260  
Db 1201 GTCCGAGCGCTCAATTCTCTCTGCTTAAGGGGAGGCTCTGATGAGCGCATTTAC 1260  
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Db 1261 AATATAAGTATCAAGGTGACATGAGCATCACTTTGCTCCAGCGGAGTGAAGGCGC 1320  
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Db 1321 CTTTGCCACTGAGAGAGATCCTTAAGCGGCTCATGAGACCTGATTACACTGAACTTA 1380  
QY 1381 TCCCTGAGAGCTGTGCGCTTCCGCTGGAAGCTTTTCTGCTGAGAGAGAGGTAATCA 1440  
Db 1381 TCCCTGAGAGCTGTGCGCTTCCGCTGGAAGCTTTTCTGCTGAGAGAGAGGTAATCA 1440  
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Db 1501 ATTGCCCTCAGTCCCTGAAATGCTTGGAGCCCAATTCCTCAAGCCCTGAC 1560  
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Db 1621 CCTGAGGAGCTGAGGCGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1680  
QY 1681 GCTGTGCGGAGGAG 1740  
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GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: April 9, 2004, 15:35:05 ; Search time 22 Seconds  
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1016.093 Million cell updates/sec

Title: US-09-581-742B-2

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Scoring table: BLOSUM62

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Searched: 389414 segs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

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2: /cgn2\_6/prodata/2/iaa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/2/iaa/6A\_COMB.pep:\*  
4: /cgn2\_6/prodata/2/iaa/6B\_COMB.pep:\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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1	2327	99.7	484	4 US-09-581-831-2	Sequence 2, Appl
2	743.5	31.9	468	4 US-09-581-831-5	Sequence 5, Appl
3	106.5	4.6	647	4 US-09-252-991A-24935	Sequence 24935, A
4	102	4.4	383	4 US-09-252-991A-23621	Sequence 23621, A
5	101	4.3	1001	4 US-08-884-569A-2	Sequence 2, Appl
6	99	4.2	535	4 US-09-252-991A-21805	Sequence 21805, A
7	98.5	4.2	1436	2 US-08-652-971-2	Sequence 2, Appl
8	98.5	4.2	1436	2 US-08-991-258A-2	Sequence 2, Appl
9	98.5	4.2	1436	2 US-08-769-399-2	Sequence 2, Appl
10	98.5	4.2	1436	3 US-08-991-953A-2	Sequence 2, Appl
11	98	4.2	262	3 US-08-96-914-14	Sequence 14, Appl
12	98	4.2	262	4 US-09-656-450-14	Sequence 14, Appl
13	97.5	4.2	355	4 US-08-483-533-41	Sequence 41, Appl
14	97.5	4.2	355	4 US-09-283-471A-41	Sequence 41, Appl
15	97.5	4.2	355	5 PCT-US91-06532-3	Sequence 3, Appl
16	97	4.2	380	2 US-09-026-587-4	Sequence 4, Appl
17	97	4.2	380	2 US-09-237-420-4	Sequence 4, Appl
18	97	4.2	380	4 US-09-387-811-4	Sequence 4, Appl
19	97	4.2	635	4 US-08-417-197-125	Sequence 125, App
20	96.5	4.1	362	2 US-09-055-097-7	Sequence 7, Appl
21	96.5	4.1	362	4 US-09-118-464-6	Sequence 6, Appl
22	96.5	4.1	362	4 US-09-373-902-7	Sequence 7, Appl
23	95.5	4.1	351	2 US-08-868-288A-6	Sequence 6, Appl
24	95.5	4.1	351	3 US-09-235-373-6	Sequence 6, Appl
25	95.5	4.1	351	3 US-09-388-593-6	Sequence 6, Appl
26	95.5	4.1	1447	3 US-09-041-886-25	Sequence 25, Appl
27	95.5	4.1	1447	5 PCT-US94-05277-2	Sequence 2, Appl

28	95.5	4.1	3224	2 US-08-705-660-34	Sequence 34, Appl
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30	95	4.1	504	3 US-09-219-849-3	Sequence 3, Appl
31	95	4.1	561	1 US-08-642-255-52	Sequence 52, Appl
32	95	4.1	720	3 US-09-219-849-4	Sequence 4, Appl
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34	94.5	4.0	960	3 US-09-219-849-5	Sequence 5, Appl
35	93	4.0	589	4 US-09-963-137-213	Sequence 213, App
36	92.5	4.0	719	4 US-08-765-907A-15	Sequence 15, Appl
37	92	3.9	264	1 US-08-562-311-4	Sequence 4, Appl
38	92	3.9	879	4 US-10-072-094-90	Sequence 90, Appl
39	92	3.9	1011	4 US-10-072-094-89	Sequence 89, Appl
40	92	3.9	1069	4 US-10-072-094-87	Sequence 87, Appl
41	91.5	3.9	1321	2 US-08-317-310A-64	Sequence 64, Appl
42	91	3.9	144	1 US-08-642-255-49	Sequence 49, Appl
43	91	3.9	234	1 US-08-642-255-51	Sequence 51, Appl
44	91	3.9	1028	4 US-09-328-352-5749	Sequence 5749, Ap
45	90.5	3.9	1093	3 US-08-545-860D-55	Sequence 55, Appl

## ALIGNMENTS

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RESULT 1
US-09-581-831-2
Sequence 2, Application US/09581831
Patent No. 6448020
GENERAL INFORMATION:
APPLICANT: TOPTGARD, RINE
APPLICANT: ZAFIROPOULOS, PETER G.
APPLICANT: KOSEMAN, RILIT
APPLICANT: GRIMM, THOMAS
TITLE OF INVENTION: MOLECULES ASSOCIATED WITH THE HUMAN SUPPRESSOR OF FUSED
FILE OF INVENTION: GENE
FILE REFERENCE: 50695-60568
CURRENT APPLICATION NUMBER: US/09/581,831
CURRENT FILING DATE: 2000-08-21
PRIOR APPLICATION NUMBER: PCT/SE98/02383
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 9704788-0
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 98022293-2
PRIOR FILING DATE: 1998-06-26
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
LENGTH: 484
TYPE: PRT
ORGANISM: Homo sapiens
US-09-581-831-2
Query Match 99.7% Score 2327, DB 4, Length 484,
Best Local Similarity 99.5% Pred. NO. 5.26-213;
Matches 431, Conservative 1, Mismatches 1, Indels 0, Gaps 0,
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DB 1 MAELRPSGAPGPTAPAPAPGPTAPAPASLFPFGHAIYGEGRRLYPDPQNPLOVTAIVKY 60
QY 61 WLGDPDLDYVSMYRNVGSPSANTPEHMYISFGLSDLYGNRYVHEFTGTGPGGFEEL 120
DB 61 WLGDPDLDYVSMYRNVGSPSANTPEHMYISFGLSDLYGNRYVHEFTGTGPGGFEEL 120
QY 121 TFRLLRENGESAPPTWPAELMOGLARYFOSENFSCGDHYSWSPLDNSSESRIOHMLLT 180
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DB 181 EDPQNPVQTPFPGVTVFQIVGCTEEHLSAQNNQGIIEILRTVPJAGGFWITDMRR 240
QY 241 GETFEIDPHIOERDKGIEITDGSNLGSGVSKCAMDLSRPPDEDEDSICIGQPARL 300
DB 241 GETFEIDPHIOERDKGIEITDGSNLGSGVSKCAMDLSRPPDEDEDSICIGQPARL 300

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Db 241 GETIFIDPHLOERVDKGIETDGSNLSGVSAKACAMDLSRPPEDDESSICIGTOPRRL 300  
 QY 301 SGKDTQIRRETLRGLRGLNSKPVLPINPQNGLAHRAPSRKDLSLSDSSTAIIPHEL 360  
 Db 301 SGKDTQIRRETLRGLRGLNSKPVLPINPQNGLAHRAPSRKDLSLSDSSTAIIPHEL 360  
 QY 361 IRTROLESVALKRNQESGALIPCLGRGLHGHFFTKYSTGTGMATTFSTGYEGAFATE 420  
 Db 361 IRTROLESVALKRNQESGALIPCLGRGLHGHFFTKYSTGTGMATTFSTGYEGAFATE 420  
 QY 421 EHPYAAHGPMLQI 433  
 Db 421 EHPYAAHGPMLQI 433

RESULT 2

US-09-581-831-5  
 / Sequence 5, Application US/09581831  
 / Patent No. 6448020  
 / GENERAL INFORMATION:  
 / APPLICANT: TOFTGARD, RUNE  
 / APPLICANT: ZAPHIROPOULOS, PETER G.  
 / APPLICANT: KOGEMAN, PRIT  
 / APPLICANT: GRIMM, THOMAS  
 / TITLE OF INVENTION: MOLECULES ASSOCIATED WITH THE HUMAN SUPPRESSOR OF FUSED  
 / TITLE OF INVENTION: GENE  
 / FILE REFERENCE: 50695-60568  
 / CURRENT APPLICATION NUMBER: US/09/581,831  
 / CURRENT FILING DATE: 2000-08-21  
 / PRIOR APPLICATION NUMBER: PCT/SE98/02383  
 / PRIOR FILING DATE: 1998-12-18  
 / PRIOR APPLICATION NUMBER: 9704788-0  
 / PRIOR FILING DATE: 1997-12-19  
 / PRIOR APPLICATION NUMBER: 9802293-2  
 / PRIOR FILING DATE: 1998-06-26  
 / NUMBER OF SEQ ID NOS: 5  
 / SOFTWARE: PatentIn Ver. 2.1  
 / SEQ ID NO 5  
 / LENGTH: 468  
 / TYPE: PR1  
 / ORGANISM: Drosophila melanogaster  
 US-09-581-831-5

Query Match 31.9%, Score 743.5; DB 4; Length 468;  
 Best Local Similarity 37.2%; Pred. No. 2.9e-62;  
 Matches 160; Conservative 64; Mismatches 143; Indels 63; Gaps 9;

QY 31 PPGHATYGEGRRLYPQPNPLQVTAIVKWLGGPDLGVSMYKRVGSPSANIPHEWHY 90  
 Db 15 PPGHATYGEGRRLYPQPNPLQVTAIVKWLGGPDLGVSMYKRVGSPSANIPHEWHY 90  
 QY 91 ISFGLSDLYGDNVRVHEFTGDPGSGFGEELTFLRKRETE-----SAPPTWPAE 139  
 Db 75 ISFGLSDLYGDNVRVHEFTGDPGSGFGEELTFLRKRETE-----SAPPTWPAE 139  
 QY 140 LMQGLARVPSSEHTFCGSDHVSWSHSLDNG-ESRIGHMLTEBPQMGVQTFPGVYTL 198  
 Db 140 LMQGLARVPSSEHTFCGSDHVSWSHSLDNG-ESRIGHMLTEBPQMGVQTFPGVYTL 198  
 QY 135 LLOAIGRCYCFGTGGLCGDNIPKRSIDGSTTKDQLVLAQDPQAGCTIDTPGIVDFC 194  
 Db 135 LLOAIGRCYCFGTGGLCGDNIPKRSIDGSTTKDQLVLAQDPQAGCTIDTPGIVDFC 194  
 QY 199 QIVGCTEELHSAQOMNGGILELRTVPIAGFPMLITDMRGTEIFIDPHLOERVDK 258  
 Db 199 QIVGCTEELHSAQOMNGGILELRTVPIAGFPMLITDMRGTEIFIDPHLOERVDK 258  
 QY 259 QIVGCTEELHSAQOMNGGILELRTVPIAGFPMLITDMRGTEIFIDPHLOERVDK 303  
 Db 259 QIVGCTEELHSAQOMNGGILELRTVPIAGFPMLITDMRGTEIFIDPHLOERVDK 303  
 QY 304 DTEQIRETLRGLRGLNSKPVLPINPQNGLAHRAPSRKDLSLSDSSTAIIPHEL 363  
 Db 304 DTEQIRETLRGLRGLNSKPVLPINPQNGLAHRAPSRKDLSLSDSSTAIIPHEL 363  
 QY 364 ROLESVALKRNQESGALIPCLGRGLHGHFFTKYSTGTGMATTFSTGYEGAFATE 423  
 Db 364 ROLESVALKRNQESGALIPCLGRGLHGHFFTKYSTGTGMATTFSTGYEGAFATE 423

Db 342 -SLDGIETTLAPGAKVXLLAIKRIHGRHFFTKA--QHLALTLVAESYGSATVNEP 398  
 QY 424 YAHGPMQL 433  
 Db 399 YGVLGYWVQ 408

RESULT 3

US-09-252-991A-24935  
 / Sequence 24935, Application US/09252991A  
 / Patent No. 6551795  
 / GENERAL INFORMATION:  
 / APPLICANT: Marc J. Rubenfield et al.  
 / TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
 / TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
 / FILE REFERENCE: 107136.136  
 / CURRENT APPLICATION NUMBER: US/09/252,991A  
 / CURRENT FILING DATE: 1999-02-18  
 / PRIOR APPLICATION NUMBER: US 60/074,788  
 / PRIOR FILING DATE: 1998-02-18  
 / PRIOR APPLICATION NUMBER: US 60/094,190  
 / PRIOR FILING DATE: 1998-07-27  
 / NUMBER OF SEQ ID NOS: 33142  
 / SEQ ID NO 24935  
 / LENGTH: 647  
 / TYPE: PR1  
 / ORGANISM: Pseudomonas aeruginosa  
 / FEATURE:  
 / NAME/KEY: UNSURE  
 / LOCATION: (148),(170)  
 / OTHER INFORMATION: Identity of amino acid at the above locations are unknown.  
 US-09-252-991A-24935

Query Match 4.6%, Score 106.5; DB 4; Length 647;  
 Best Local Similarity 24.1%; Pred. No. 0.21;  
 Matches 75; Conservative 45; Mismatches 122; Indels 69; Gaps 19;

QY 16 PPGHATYGEGRRLYPQPNPLQVTAIVKWLGGPDLGVSMYKRVGSPSANIPHEWHY 90  
 Db 234 PPGHATYGEGRRLYPQPNPLQVTAIVKWLGGPDLGVSMYKRVGSPSANIPHEWHY 90  
 QY 67 PUDVSMYKRVGSPSANIPHEWHYISFGL-SDLYGDNVRVHEFTGDPGSGFGEELT 122  
 Db 292 HINVEIDNRKEDVALLARNGE-----AVGVPAVKLSPISQALHIGYSSINVDLI 346  
 QY 123 RIKRETESAPPTWPAEIM-----QGLARYVPSSEHTFCGSDHVSWSHSLDNG-ES 173  
 Db 347 RIKRETESAPPTWPAEIM-----QGLARYVPSSEHTFCGSDHVSWSHSLDNG-ES 173  
 QY 174 IQHMLTEBPQMGVQTFPGVYTLQIVGCTEELHSAQOMNGGILELRTVPIAGFPW 233  
 Db 398 IQHMLTEBPQMGVQTFPGVYTLQIVGCTEELHSAQOMNGGILELRTVPIAGFPW 233  
 QY 234 LI---TDMR--RGTEIFIDPHLOERVDKGIETDGSNLS---GVSAKACAMD---DLR 280  
 Db 441 LI---TDMR--RGTEIFIDPHLOERVDKGIETDGSNLS---GVSAKACAMD---DLR 280  
 QY 281 PPEDEDSRSI 291  
 Db 500 PPEDEDSRSI 291

RESULT 4

US-09-252-991A-29621  
 / Sequence 29621, Application US/09252991A  
 / Patent No. 6551795  
 / GENERAL INFORMATION:  
 / APPLICANT: Marc J. Rubenfield et al.  
 / TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
 / TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
 / FILE REFERENCE: 107136.136  
 / CURRENT APPLICATION NUMBER: US/09/252,991A  
 / CURRENT FILING DATE: 1999-02-18

PRIOR APPLICATION NUMBER: US 60/074,788  
 PRIOR FILING DATE: 1998-02-18  
 PRIOR APPLICATION NUMBER: US 60/094,190  
 PRIOR FILING DATE: 1998-07-27  
 NUMBER OF SEQ ID NOS: 33142  
 SEQ ID NO 29621  
 LENGTH: 383  
 TYPE: PRT  
 ORGANISM: Pseudomonas aeruginosa  
 US-09-252-991A-29621

Query Match 4.4%; Score 102; DB 4; Length 383;  
 Best Local Similarity 21.3%; Pred. No. 0.26;  
 Matches 60; Conservative 33; Mismatches 125; Indels 64; Gaps 9;

QY 6 PGAGPTAPAPGPTAPAPASLFPGLHAIVGECRLPDQNPLOVTAIVKWLGGP 65  
 DB 63 PMATPWCATPATRSSPTSTSRMP-----CR-----TSTTIPSTLAP 104  
 QY 66 DPLDYVMYNNVGSANIDPHMYISFGISDLYGDNVHEFTGDPGSGFELTFR-- 123  
 DB 105 TPRAITSAPMASTASTVPR-----AGSAPTRSTHRSPTSCNSRSTRASERSRQT 158  
 QY 124 LKRETSAP---PTWAEIMOGIARVPOSENPFSGDVMHSPIDNSESRIQMLLT 180  
 DB 159 MKRQTMTRPSPLETFWQALAGAFAYASQAAYA-----DSLSEELRQLMS 207  
 QY 181 EDPMQVQTEPFVGVTEIIVGVCTEELHSAQWNGGILELRTVPIAGPWLITDMR 240  
 DB 208 TTQQLQALQT-----EQAQTAAKALAESRDALAQVQLSELAR 249  
 QY 241 ---GETIFELDPHLOERVDKGIETDGSNISGVSAKAMDL 278  
 DB 250 AKGQAEQLSAQCGQLHDAQARQWPAASNEQLG--KYQAYDEL 289

RESULT 5  
 US-08-884-569A-2  
 Sequence 2, Application US/08884569A  
 Patent No. 6399326  
 GENERAL INFORMATION:  
 APPLICANT: CHANG, MING-KO  
 APPLICANT: FLANAGAN, JOHN G.  
 TITLE OF INVENTION: RECEPTOR TYROSINE PHOSPHATASE, AND USES RELATED THERETO  
 FILE REFERENCE: INV-020 01  
 CURRENT APPLICATION NUMBER: US/08/884,569A  
 PRIOR FILING DATE: 1997-06-27  
 PRIOR APPLICATION NUMBER: 60/021,040  
 NUMBER OF SEQ ID NOS: 15  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 2  
 LENGTH 1001  
 TYPE: PRT  
 ORGANISM: Mus sp.  
 US-08-884-569A-2

Query Match 4.3%; Score 101; DB 4; Length 1001;  
 Best Local Similarity 20.9%; Pred. No. 1.3;  
 Matches 81; Conservative 53; Mismatches 138; Indels 116; Gaps 19;

QY 10 PGTPAPAP---GPTAPAPASLFPGL-----HAIVGECRL-----YDPQF 49  
 DB 16 PLPRALPAPASARQCPGRGLCFEDGLGSLCTCVNDGVFGCQCPVMDTYRYEVP 75  
 QY 50 NP---LQVTAIVKWLGGPDLDYVMYNNVGSANIDPH---WHYISFGLSDLYGDNRY 104  
 DB 76 GAAHAKVTLQKLSRTGTWDDTTO---RVIAQELALPFAVYMH-----GR--- 120  
 QY 105 HEFTGDPG---GFGFELTFRKRETSAPPTWAEIMOGIARVPOSENPFSGD 159  
 DB 121 ---TSGPASLQONNDNEKWFLESEVA-----LAKTLRYLBYLE----- 158

QY 160 HVSMSPLDNSESRIQMLTTEDPQMPVC---TPFGVTEIIVGVCTEELHSAQW 215  
 DB 159 ---LQVTAIVKWLGGPDLDYVMYNNVGSANIDPH---WHYISFGLSDLYGDNRY 104  
 QY 216 GQIIEELIRTVPIAGPWLITDMRGETIFELDPHLOERVDKGIETD-----GSN-- 265  
 DB 211 DNLIRPFRLQDELSPYVDDIDQKLIAGVTAQRLPG---ENDEPRYLHVGSSRA 268  
 QY 266 ---LSGVSAKAMDDLSPDEDEDSRISICIGTPRLSGKXDETCIETTLRGLINSKP 322  
 DB 269 PRFSAATLSQWMP---PFGDAKDSPEM-----DDTLQSLKDLQONSE- 312  
 QY 323 VLPPIPFQNGLAHRAPSRKDSLSD 350  
 DB 313 ---VDRLGFLKEKADSVAGAIQSD 334

RESULT 6  
 US-09-252-991A-21805  
 Sequence 21805, Application US/09252991A  
 Patent No. 6551795  
 GENERAL INFORMATION:  
 APPLICANT: Marc J. Rubenfield et al.  
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
 FILE REFERENCE: 107196.136  
 CURRENT APPLICATION NUMBER: US/09/252,991A  
 PRIOR FILING DATE: 1999-02-18  
 PRIOR APPLICATION NUMBER: US 60/074,788  
 PRIOR FILING DATE: 1998-02-18  
 PRIOR APPLICATION NUMBER: US 60/094,190  
 PRIOR FILING DATE: 1998-07-27  
 NUMBER OF SEQ ID NOS: 33142  
 SEQ ID NO 21805  
 LENGTH: 535  
 TYPE: PRT  
 ORGANISM: Pseudomonas aeruginosa  
 US-09-252-991A-21805

Query Match 4.2%; Score 99; DB 4; Length 535;  
 Best Local Similarity 20.1%; Pred. No. 0.81;  
 Matches 59; Conservative 29; Mismatches 90; Indels 116; Gaps 12;

QY 26 FASLPPGHAIVGECRLTPDQNPLOVTAIVKWLGGPDLDYVMYNNV-----GS 79  
 DB 72 YAAMLPVAIACIMGSSR-----YIVSGPFAAISVLLFSSVAPLAPIGS 114  
 QY 80 PS-----ANIDPHMYISF----- 93  
 DB 115 PQYQAVLLTFELAGAFQMLGLVRSGLVNFVSHSWLGFLLGALLIVLGQLEPYLLGL 174  
 QY 94 ---GLSDLYGDNVHEFTGDPG---GFGFELTFRKRETSAPPTWAEEL--MQ 142  
 DB 175 NAGSGAAPGNGWRILAFAPEDGSLVGFSPSLSLVYR---LRPMPALLGLL 229  
 QY 143 GLARYVPOSENPFSGDHY-----SWHSPIDNSESRIQMLTTEDPQMPQVQTP-- 191  
 DB 230 GGATLVWALPGTFASVAVQALSSALPGMNLVFEFSRIIL-----DLIPAAVACGM 280  
 QY 192 PGVYTFIQIVGCT---EELHSAQWNGGILELRTVPIAGPWLITDMRG 241  
 DB 281 IGLVTSLSIARLAAQGDAPDANQVRAQGLSNLL-----GFWLSASLSAG 327

RESULT 7  
 US-08-652-971-2  
 Sequence 2, Application US/08652971  
 Patent No. 5814507  
 GENERAL INFORMATION:  
 APPLICANT: Cheng, Jili  
 APPLICANT: Laaky, Laurence A.  
 TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE  
 TITLE OF INVENTION: PHOSPHATASE, PTP LAMBDA

NUMBER OF SEQUENCES: 10  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Genentech, Inc.  
 STREET: 460 Point San Bruno Blvd.  
 CITY: South San Francisco  
 STATE: California  
 COUNTRY: United States  
 ZIP: 94080  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: IBM PC compatible  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/652,971  
 FILING DATE:  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dreger, Ginger R.  
 REGISTRATION NUMBER: 33,055  
 REFERENCE/DOCKET NUMBER: P1033  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 225-3216  
 TELEFAX: (415) 982-9881  
 TELEX: 910 371-7168  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1436 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-652-971-2

Query Match 4.2%; Score 98.5; DB 2; Length 1436;  
 Best Local Similarity 19.4%; Pred. No. 3.9;  
 Matches 109; Conservative 64; Mismatches 167; Indels 221; Gaps 29;

46 PDQNPLOVTAIVKWLGGPDDLVSYMYRVGS--PSANIP-----EHWYIS 92  
 510 PDEPNGL---ITQYIS-----YQISSDPAVNVGPRRTISKLNETHYVS 555  
 93 -----FG---LSDLYGDNRVHEFTGDPGSGF----- 117  
 556 NLHPGTYLFSVRARTSKFGQALTEITNTISAPSFYADMPSPLESENTITVLRA 615  
 118 -----FELTRFKRETGE---SAPPTWAEMLQGLARVYVQSE----- 152  
 616 QGRGAPISVYQVYVVEERPRRLRRPAGADCFVPLTFETALARGLVHY-FGAELAASL 674  
 153 ---NTFCSDHVS---WHSPLD-----NSBSRIQHMILTEDPQMPQVQT 190  
 675 LEAMPTVDNQTGYRFNPPLEPRKAYLIYFOASHLKGETRNCIRAKACKESKR 734  
 191 PFGVVTFLQ---IVGVCTBEIASHAQMNQGIIELRVPIAAGPWILTMRGETI-- 244  
 735 PLEVSQRSEEMGLITIGICA-----GGLAVLILLGA-----ITVIRKGPVNM 778  
 245 -----FEIDPHLOERVDKGIETDGSNLS-----GVSAKCAWDLSPPEDEDS-- 288  
 779 TKATVYVROEKTHMMSAYDRSR-TDQSTLQEDERGLGS---FMDAPGSPRGDQSGGVT 834  
 289 -RSITIGTQPRRLSK---DTEQIRRTLRGGLINSKPYLPINPOR-QNGLAHRR-- 339  
 835 EASSLLGSPRRPCRGKSPYHTGQLHRAVR-----VADLLQHNQKTAEGYGFKQCY 888  
 340 ---APSRKQSLSDSSSTALIPH-----ELIRTRQLESVHLKFN- 374  
 889 BSFFEGMDATKCKDKLKGKROEPVSAYDRHVKLHPMLADDAVDVLSINVIYDGRHNRHF 948  
 375 -----QESGALIPLCR---GRLHGRHFTYS-ITGDMAITFVS 410  
 949 IATGPKPEMIVDFWRMVMQEOCASIWMITKLVEGVKCSRWPEEDMDYGDIKITLVK 1008

411 TG-----VEGAFATEHPHYAA 426  
 1009 TETLAEVYVTRTPALERRGYSA 1029

US-08-991-258A-2  
 Sequence 2, Application US/08991258A  
 Patent No. 5928887  
 GENERAL INFORMATION:  
 APPLICANT: Cheng, Jili  
 APPLICANT: Iasky, Laurence A.  
 TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE  
 TITLE OF INVENTION: PHOSPHATASE, PTP LAMBDA  
 NUMBER OF SEQUENCES: 10  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT, LLP  
 STREET: 4 Embarcadero Center, Suite 3400  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: United States  
 ZIP: 94111  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: IBM PC compatible  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/991,258A  
 FILING DATE: 17-DEC-1997  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/652,971  
 FILING DATE: 24-MAY-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dreger, Walter H.  
 REGISTRATION NUMBER: 24,190  
 REFERENCE/DOCKET NUMBER: A-63478-3/WHD/MTK  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 781-1989  
 TELEFAX: (415) 398-3249  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1436 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-991-258A-2

Query Match 4.2%; Score 98.5; DB 2; Length 1436;  
 Best Local Similarity 19.4%; Pred. No. 3.9;  
 Matches 109; Conservative 64; Mismatches 167; Indels 221; Gaps 29;

46 PDQNPLOVTAIVKWLGGPDDLVSYMYRVGS--PSANIP-----EHWYIS 92  
 510 PDEPNGL---ITQYIS-----YQISSDPAVNVGPRRTISKLNETHYVS 555  
 93 -----FG---LSDLYGDNRVHEFTGDPGSGF----- 117  
 556 NLHPGTYLFSVRARTSKFGQALTEITNTISAPSFYADMPSPLESENTITVLRA 615  
 118 -----FELTRFKRETGE---SAPPTWAEMLQGLARVYVQSE----- 152  
 616 QGRGAPISVYQVYVVEERPRRLRRPAGADCFVPLTFETALARGLVHY-FGAELAASL 674  
 153 ---NTFCSDHVS---WHSPLD-----NSBSRIQHMILTEDPQMPQVQT 190  
 675 LEAMPTVDNQTGYRFNPPLEPRKAYLIYFOASHLKGETRNCIRAKACKESKR 734  
 191 PFGVVTFLQ---IVGVCTBEIASHAQMNQGIIELRVPIAAGPWILTMRGETI-- 244  
 735 PLEVSQRSEEMGLITIGICA-----GGLAVLILLGA-----ITVIRKGPVNM 778

QY 245 -----FEIDPHIQRVYDKGIEIDPSNLS-----GVSAKCAMDLSRPEDDSDS----- 288  
DB 779 TKATVNRQKRTKTHMSAVDRSF--TDOSTLOEDERLGLS--FMDAPGYSFPGDQSGGYT 834  
QY 289 -RSICIGTQPRRLSGK-----DTEQIRETLRGLRGLINSKPVLPINPOR-ONGLANDR-- 339  
DB 835 EASLLGSGPRRPGCGKSGPYHTGQLHPAVR-----VADLQHINQMKTAEGYGFQXEY 888  
QY 340 -----APSRKDSLESDSTALIPH-----ELIRTRQLESYHLKFN- 374  
DB 889 ESFEFGMDATKKDKLKGROEPVSAVDHRHVKLHPMLADPDADYISANYIDGYHRSNHF 948  
QY 375 -----QESGALIPLCUR-----GRLLHGRHFTYKS-ITGDMATITFVS 410  
DB 949 IATGPKPEMIYDFWRWVWQCCASIVMITKLVEGRVKCSRWPEDSDMYGDIKITLVK 1008  
QY 411 TG-----VEGAFATHEHPYAA 426  
DB 1009 TETLAEVYVRTFALERRGYSA 1029

## RESULT 9

US-08-769-399-2  
Sequence 2, Application US/08769399  
Patent No. 5976852  
GENERAL INFORMATION:  
APPLICANT: Cheng, Jili  
APPLICANT: Lasky, Laurence A.  
TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd.  
CITY: South San Francisco  
STATE: California  
COUNTRY: United States  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/769,399  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Ginger R.  
REGISTRATION NUMBER: 33,055  
REFERENCE/DOCKET NUMBER: P1033  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 225-3216  
TELEFAX: (415) 952-9881  
TELEX: 910 371-7168  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1436 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-769-399-2

Query Match 4.2%; Score 98.5; DB 2; Length 1436;  
Best Local Similarity 19.4%; Pred. No. 3.9; Indels 221; Gaps 29;  
Matches 109; Conservative 64; Mismatches 167;  
QY 46 PDQNPLOVTAIVYVWGLVPMYRNVS--PSANIP-----EHWHYIS 92  
DB 510 PQENGL-----ITQYEIS-----YQSISSDPANVVPGRRTISLRLNETYHVS 555  
QY 93 -----FG-----LSDLXGDNRVHETGTGDSGFG----- 117

DB 556 NHPQTYLVFSVRARTSKGFOALTEITNLSAPSPDYADMPPLBESSENTITVLLRPA 615  
QY 118 -----FELTFRLKRETEG-----SAPPTPALMGLARYVQSE----- 152  
DB 616 QGRGAPISVYGVVVEEERPRRLRREPGAQDCFSVLTETLARGLVHY-FGAELAASTL 674  
QY 153 ---NTEGSDHVS-----WHSPLD-----NSERIQHMLITEDPQMCPVQT 190  
DB 675 LEAMFTVQDNQOTRGFNPPLEPRKAVLIYFOASHLKSTRLNCRIAKAAKCKSKR 734  
QY 191 PFGVTFIQ-----IVGCTEELHSAQCNNGGIIELRTPVIAAGPWLITMREGETI-- 244  
DB 735 PLEVSQRSEEMGLILIGICA-----GGLAVILILIGA-----ITVIRKQKPVNM 778  
QY 245 -----FEIDPHIQRVYDKGIEIDPSNLS-----GVSAKCAMDLSRPEDDSDS----- 288  
DB 779 TKATVNRQKRTKTHMSAVDRSF--TDOSTLOEDERLGLS--FMDAPGYSFPGDQSGGYT 834  
QY 289 -RSICIGTQPRRLSGK-----DTEQIRETLRGLRGLINSKPVLPINPOR-ONGLANDR-- 339  
DB 835 EASLLGSGPRRPGCGKSGPYHTGQLHPAVR-----VADLQHINQMKTAEGYGFQXEY 888  
QY 340 -----APSRKDSLESDSTALIPH-----ELIRTRQLESYHLKFN- 374  
DB 889 ESFEFGMDATKKDKLKGROEPVSAVDHRHVKLHPMLADPDADYISANYIDGYHRSNHF 948  
QY 375 -----QESGALIPLCUR-----GRLLHGRHFTYKS-ITGDMATITFVS 410  
DB 949 IATGPKPEMIYDFWRWVWQCCASIVMITKLVEGRVKCSRWPEDSDMYGDIKITLVK 1008  
QY 411 TG-----VEGAFATHEHPYAA 426  
DB 1009 TETLAEVYVRTFALERRGYSA 1029

## RESULT 10

US-08-991-953A-2  
Sequence 2, Application US/08991953A  
Patent No. 6083748  
GENERAL INFORMATION:  
APPLICANT: Cheng, Jili  
APPLICANT: Lasky, Laurence A.  
TITLE OF INVENTION: A NOVEL KAPPA/MU-LIKE PROTEIN TYROSINE  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT, LLP  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: United States  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/991,953A  
FILING DATE: 16-DEC-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/652,971  
FILING DATE: 24-MAY-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Walter H.  
REGISTRATION NUMBER: 24,190  
REFERENCE/DOCKET NUMBER: A-63478-3/WHD/MTX  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX:

## INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 1436 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-991-953A-2

Query Match 4.2%; Score 98.5; DB 3; Length 1436;  
 Best Local Similarity 19.4%; Pred. No. 3.9; Indels 221; Gaps 29;  
 Matches 109; Conservative 64; Mismatches 167;

DB 46 PDGPNPQVTAIVKYLGGPDLVSMYRVNGS--PSANIP-----EHHMYIS 92  
 510 PGEHNGI---ITQYBIS-----YQSISSDPAAVVPGRPRRTISLNETYHVS 555  
 QY 93 -----FG-----LSLDYGNRVHETGCTDGSNG----- 117  
 DB 556 NLHPGTYLPSVRRARISKGFQALVETTTNISAPSDYADMPSPJGSESENTITVLRA 615  
 QY 118 -----FELTFLKRETEG---SAPTPWPAELMOGLARYVFOSE----- 152  
 DB 616 QGRGAPISYVQVVAEERPRRLRREPGACDFSVPLTFETALARGVHY--FGAELASSL 674  
 QY 153 ---NTFGSGDHVS---WHSPLD-----NESRIQHMILLTDEPQMPVQT 190  
 DB 675 LEAPFVVDGNQYRGFWNPPLERKAYLIYFQAASHLKETRLNCRKRAKCESK 734  
 QY 191 PFGVATFLQ---IVGYCTEELHSAQOMNGGILELRTVPVIGPMLITDMRGRTI-- 244  
 DB 735 PLEVSQSEEMGLIGICA-----GGIAVLILLGA-----IIVIRKGRPVNM 778  
 QY 245 -----FEIDPHIQERYDKGILETDSNLS-----GVSACANDLRSPEDEDS-- 288  
 DB 779 TKATVNYRQEKTHMMSAVDRSF--TDQSTLQEDERLGIS---FMDAPGYSRGGQSGGVAT 834  
 QY 289 -RSTCIGQPRRLSGK---DTEQIRETLRGLKINSKPVLPINPQR--QNLADHR-- 339  
 DB 835 EASSLLGSPRRPGCRKSGPYHTQGLHPAYR-----VADLLGHINMKTAEGYGRQEV 888  
 QY 340 -----APSRKDSLSDSSTAIIPIH-----ELITRQLESVHLKEN- 374  
 DB 889 ESFEGMDATKKDKLKGROEPYSAVDHRHVKLHPMLADPDADYISANYIDGHSNMF 948  
 QY 375 -----OESGALLPLCLAR---GRLHGHRHTYS--ITGMATIFVS 410  
 DB 949 IATGCFKEMTIYDTRRWYWCQCSIVWITKLVAVGRKCSRYPEDSDMYGDIKITLVK 1008  
 QY 411 TG-----VEGAPATEEHPIYA 426  
 DB 1009 TETLAEVVTRTFALERGYS 1029

RESULT 11  
 US-08-946-914-14  
 Sequence 14, Application US/08946914  
 Patent No. 6027916

GENERAL INFORMATION:  
 APPLICANT: NI, Jian  
 APPLICANT: Gentz, Reiner L.  
 APPLICANT: Ruben, Steven M.  
 TITLE OF INVENTION: Galectin 8, 9, 10 and 10SV  
 NUMBER OF SEQUENCES: 60  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Sterne, Kessler, Goldstein, & Fox P.L.L.C.  
 STREET: 1100 New York Ave., Suite 600  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: USA  
 ZIP: 20005-3934  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible

## OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/946,914  
 FILING DATE: Herewith

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/028,093

FILING DATE: 09-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: Steffe, Eric K.

REGISTRATION NUMBER: 36,688

REFERENCE/DOCKET NUMBER: 1488, 0560001/EKS/SGM

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 262 amino acids

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-946-914-14

Query Match 4.2%; Score 98; DB 3; Length 262;  
 Best Local Similarity 36.3%; Pred. No. 0.35; Indels 16; Gaps 5;  
 Matches 33; Conservative 5; Mismatches 37;

DB 6 PSAGPPTAPPA-PGPTAPPAFASLFPGLHAIVGECRLYPDPNPLOVTA----- 56  
 68 PSAYPGPTAPGAYPGPTAPGAFPG--QCGCGAYFSAFGAYPSAFGAYPATGPGAPTCP 125  
 QY 57 -IVKWL---GGPDLVSMYRVNGSPSAN 83  
 DB 126 LTPYDMPLPGGWPMLITITIV-KENAN 155

## RESULT 12

US-09-656-450-14  
 Sequence 14, Application US/09656450  
 Patent No. 6468768

GENERAL INFORMATION:  
 APPLICANT: NI, Jian

APPLICANT: Gentz, Reiner L.  
 APPLICANT: Ruben, Steven M.

TITLE OF INVENTION: Galectin 9 and 10SV Polynucleotides

FILE REFERENCE: 1488, 0560003

CURRENT APPLICATION NUMBER: US/09/656,450

CURRENT FILING DATE: 2000-09-06

PRIOR APPLICATION NUMBER: US 09/263,689

PRIOR FILING DATE: 1999-03-05

PRIOR APPLICATION NUMBER: US 08/946,914

PRIOR FILING DATE: 1997-10-09

PRIOR APPLICATION NUMBER: US 60/028,093

PRIOR FILING DATE: 1996-10-09

NUMBER OF SEQ ID NOS: 60

SOFTWARE: Patent in version 3.0

SEQ ID NO 14

LENGTH: 262

TYPE: PRT

ORGANISM: Rat

US-09-656-450-14

Query Match 4.2%; Score 98; DB 4; Length 262;  
 Best Local Similarity 36.3%; Pred. No. 0.35;  
 Matches 33; Conservative 5; Mismatches 37; Indels 16; Gaps 5;

Db 126 LTVFVDMPLBGMFPMMLTITIGTV-KPMAN 155

RESULT 13  
US-08-483-533-41  
Sequence 41, Application US/08483533

Patent No. 6172047

GENERAL INFORMATION:

APPLICANT: Roizman, Bernard

TITLE OF INVENTION: Method for Treating Tumorigenic

TITLE OF INVENTION: Diseases

NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/483,533

FILING DATE: 07-MAR-95

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/419,853

FILING DATE: 11-APR-95

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/861,233

FILING DATE: 31-MAR-92

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, James P.

REGISTRATION NUMBER: 28,491

REFERENCE/DOCKET NUMBER: 28097/32742

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312/474-6300

TELEFAX: 312/474-0448

INFORMATION FOR SEQ ID NO: 41:

SEQUENCE CHARACTERISTICS:

LENGTH: 355 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-483-533-41

Query Match 4.2%; Score 97.5; DB 3; Length 355;  
Best Local Similarity 20.7%; Pred. No. 0.61;  
Matches 70; Conservative 18; Mismatches 115; Indels 135; Gaps 12;

3 ELRPSGA---PGP-----TAPPAPGPTAPPAFAALFPP-----GLHA 36

93 EARPTAARPPRGPRPAMAGAGLTPTTP-PRAPSFRAPASPSACASPRSTRACACDA 151

37 IYGCRLYPDOPP-----LQVTAIVKWLGGPDLIDVSMYRNVSPPSA 82

152 RAGGRSPRPAPRPAPRPAPRGASRPTSGCATWMSGPRPAMRAAAGPAS--- 208

83 NIPHMWYISGLSDLYGDNKVEHFTGTGDSGSGFELTLRLKRETBESA-----PPTW 136

209 -----GFTGLGSGAGWRPFRSSSGRAMGRRPVPGPW 239

137 PAELMGLIARYVFOSENTFCGSHVSMSPLDNBSRIQHMLLTEDPQOMQVQTPRGVTV 196

240 PAF-----PARRTRSNV-----TPEAAWV 258

Db 240 PAF-----PARRTRSNV-----TPEAAWV 258

QY 197 FLQIVGVCTEELHSAQCMNGGILIELRTVPIAGP-----WLTDMRG-----ETI 244  
Db 259 FRGAPSSAPBSRSERRMQEPRIYTLGASPPSGGPRGRDWPFGRGCGARPTSVRRV 318  
QY 245 FEIDPHLOERYDKGLEFDGNSLGSVSAKCAWDLSRPP 282  
Db 319 FGARPIRELEPPNG---PGRPLPGMTIKNLQEALEFRPP 353

RESULT 14  
US-09-283-471A-41  
Sequence 41, Application US/09283471A

Patent No. 6340673

GENERAL INFORMATION:

APPLICANT: Roizman, Bernard

TITLE OF INVENTION: Method for Treating Tumorigenic Diseases

NUMBER OF SEQUENCES: 43

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun

STREET: 6300 Sears Tower, 233 South Wacker Drive

CITY: Chicago

STATE: Illinois

COUNTRY: United States of America

ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/283,471A

FILING DATE: 04-APR-1999

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/861,233

FILING DATE: 31-MAR-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/419,853

FILING DATE: 11-APR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/483,533

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, James P.

REGISTRATION NUMBER: 28,491

REFERENCE/DOCKET NUMBER: 27373/32742A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312/474-6300

TELEFAX: 312/474-0448

INFORMATION FOR SEQ ID NO: 41:

SEQUENCE CHARACTERISTICS:

LENGTH: 355 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-283-471A-41

Query Match 4.2%; Score 97.5; DB 4; Length 355;  
Best Local Similarity 20.7%; Pred. No. 0.61;  
Matches 70; Conservative 18; Mismatches 115; Indels 135; Gaps 12;

3 ELRPSGA---PGP-----TAPPAPGPTAPPAFAALFPP-----GLHA 36

93 EARPTAARPPRGPRPAMAGAGLTPTTP-PRAPSFRAPASPSACASPRSTRACACDA 151

37 IYGCRLYPDOPP-----LQVTAIVKWLGGPDLIDVSMYRNVSPPSA 82

152 RAGGRSPRPAPRPAPRPAPRGASRPTSGCATWMSGPRPAMRAAAGPAS--- 208

83 NIPHMWYISGLSDLYGDNKVEHFTGTGDSGSGFELTLRLKRETBESA-----PPTW 136

Db 83 NIPHMWYISGLSDLYGDNKVEHFTGTGDSGSGFELTLRLKRETBESA-----PPTW 136



Thu Apr 15 09:37:21 2004

us-09-581-742b-2.rat

Page 8

Db 209 -----GPTGSGAGWRRPRSSGRWGPVPGPW 239  
QY 137 PAELMOGLARYVQSENFPCSDHVSWSPLDNESESRIOHMLTDEPOMQVQTPFGVVT 196  
Db 240 PAE-----PARRRSNV-----TPEAAWV 258  
QY 197 FLQIVGVCTEELHSAQWNGGIIELRTVPIAGP-----WLTDMRG-----ETI 244  
Db 259 FRGAPGSSAPSRSPERRWQEPRIYTLGASPPSQGPPRGDWPICGRQGGARPTSVRV 318  
QY 245 FEIDPHLOERYDKGIETDGSNLGVSACAMDDLSRP 282  
Db 319 FGARPIGRELPNG---PGRPLPGWVTKNLQALFRFP 353

RESULT 15  
PCT-US91-06532-3

Sequence 3, Application PC/TUS9106532

GENERAL INFORMATION:

APPLICANT: Roizman, Bernard

TITLE OF INVENTION: Recombinant Herpes Simplex Viruses

TITLE OF INVENTION: Vaccines and Methods

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &

ADDRESSEE: Bicknell

STREET: Two First National Plaza Suite 2100

CITY: Chicago

STATE: Illinois

COUNTRY: USA

ZIP: 60603

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US91/06532

FILING DATE: 19910910

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Gruber, Lewis S.

REGISTRATION NUMBER: 30,060

REFERENCE/DOCKET NUMBER: 27373/8235

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312/346-5750

TELEFAX: 312/384-9740

INFORMATION FOR SEQ. ID NO. 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 355 amino acids

TYPE: AMINO ACID

TOPOLOGY: linear

MOLECULE TYPE: protein

PCT-US91-06532-3

Query Match

Best Local Similarity 4.2%; Score 97.5; DB 5; Length 355;

Matches 70; Conservative 18; Mismatches 115; Indels 135; Gaps 12;

QY 3 ELRPSGA---GPP-----TAPPAGTAPAFASLFP-----GIHA 36  
Db 93 EARPTAAARPPGPRPAMARGAGLPTPT--PRASAFRRASPSACASPRSTWRACADA 151  
QY 37 IYGECHRLYPDOQNP-----LQYTAIVKTVLGGPDLIVSMKRVNGSPSA 82  
Db 152 RAGRGRRSPRRPPRRPPRRPPRGACASRPTSCATWSGFRPPAWRAARGPAS--- 208  
QY 83 NIPHHWYISFGLSLDYGDNRVHEFTGTGSPGFGFELFRLKRETSESA-----PPTW 136  
Db 209 -----GPTGLSGAGWRRPRSSGRWGPVPGPW 239

QY 137 PAELMOGLARYVQSENFPCSDHVSWSPLDNESESRIOHMLTDEPOMQVQTPFGVVT 196  
Db 240 PAE-----PARRRSNV-----TPEAAWV 258  
QY 197 FLQIVGVCTEELHSAQWNGGIIELRTVPIAGP-----WLTDMRG-----ETI 244  
Db 259 FRGAPGSSAPSRSPERRWQEPRIYTLGASPPSQGPPRGDWPICGRQGGARPTSVRV 318  
QY 245 FEIDPHLOERYDKGIETDGSNLGVSACAMDDLSRP 282  
Db 319 FGARPIGRELPNG---PGRPLPGWVTKNLQALFRFP 353

Search completed: Apr 11 9, 2004, 15:44:24  
Job time : 24 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: April 9, 2004, 15:43:20 ; Search time 47 Seconds  
(without alignments)  
2422.386 Million cell updates/sec

Title: US-09-581-742B-2  
Sequence: 1 MAELRPGAGPPTAPAPGP.....EGAFATEHPYAHGFWLQL 433

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 1073127 seqs, 262937947 residues

Total number of hits satisfying chosen parameters: 1073127

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database:

Published Applications AA:\*

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- 2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep.\*
- 4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep.\*
- 5: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep.\*
- 6: /cgn2\_6/ptodata/2/pubpaa/PCTUS\_PUBCOMB.pep.\*
- 7: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep.\*
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- 10: /cgn2\_6/ptodata/2/pubpaa/US09\_PUBCOMB.pep.\*
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- 15: /cgn2\_6/ptodata/2/pubpaa/US10C\_PUBCOMB.pep.\*
- 16: /cgn2\_6/ptodata/2/pubpaa/US10C\_PUBCOMB.pep.\*
- 17: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*
- 18: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Match	Length	ID	Description
1	2334	100.0	433	US-10-147-493-6	Sequence 6, Appli
2	2334	100.0	433	US-10-145-127-6	Sequence 6, Appli
3	2334	100.0	433	US-10-160-503-6	Sequence 6, Appli
4	2334	100.0	433	US-10-143-118-6	Sequence 6, Appli
5	2334	100.0	433	US-10-144-993-6	Sequence 6, Appli
6	2334	100.0	433	US-10-158-787-6	Sequence 6, Appli
7	2334	100.0	433	US-10-140-024-6	Sequence 6, Appli
8	2334	100.0	433	US-10-028-072-6	Sequence 6, Appli
9	2334	100.0	433	US-10-121-045-6	Sequence 6, Appli
10	2334	100.0	433	US-10-123-904-6	Sequence 6, Appli
11	2334	100.0	433	US-10-140-470-6	Sequence 6, Appli
12	2334	100.0	433	US-10-175-746-6	Sequence 6, Appli
13	2334	100.0	433	US-10-176-918-6	Sequence 6, Appli
14	2334	100.0	433	US-10-176-921-6	Sequence 6, Appli
15	2334	100.0	433	US-10-137-865-6	Sequence 6, Appli

16	2334	100.0	433	US-10-140-474-6	Sequence 6, Appli
17	2334	100.0	433	US-10-142-431-6	Sequence 6, Appli
18	2334	100.0	433	US-10-143-114-6	Sequence 6, Appli
19	2334	100.0	433	US-10-140-002-6	Sequence 6, Appli
20	2334	100.0	433	US-10-142-419-6	Sequence 6, Appli
21	2334	100.0	433	US-10-123-262-6	Sequence 6, Appli
22	2334	100.0	433	US-10-142-423-6	Sequence 6, Appli
23	2334	100.0	433	US-10-121-050-6	Sequence 6, Appli
24	2334	100.0	433	US-10-141-755-6	Sequence 6, Appli
25	2334	100.0	433	US-10-143-032-6	Sequence 6, Appli
26	2334	100.0	433	US-10-123-108-6	Sequence 6, Appli
27	2334	100.0	433	US-10-123-236-6	Sequence 6, Appli
28	2334	100.0	433	US-10-123-261-6	Sequence 6, Appli
29	2334	100.0	433	US-10-140-921-6	Sequence 6, Appli
30	2334	100.0	433	US-10-140-928-6	Sequence 6, Appli
31	2334	100.0	433	US-10-121-045-6	Sequence 6, Appli
32	2334	100.0	433	US-10-123-292-6	Sequence 6, Appli
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34	2334	100.0	433	US-10-124-819-6	Sequence 6, Appli
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36	2334	100.0	433	US-10-124-825-6	Sequence 6, Appli
37	2334	100.0	433	US-10-160-498-6	Sequence 6, Appli
38	2334	100.0	433	US-10-124-824-6	Sequence 6, Appli
39	2334	100.0	433	US-10-127-825A-6	Sequence 6, Appli
40	2334	100.0	433	US-10-127-829A-6	Sequence 6, Appli
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43	2334	100.0	433	US-10-127-901A-6	Sequence 6, Appli
44	2334	100.0	433	US-10-128-693A-6	Sequence 6, Appli
45	2334	100.0	433	US-10-131-813A-6	Sequence 6, Appli

# ALIGNMENTS

RESULT 1  
US-10-147-493-6  
Sequence 6, Appli US-10-147-493-6  
Publication No. US20040029217A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Flamaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1345  
CURRENT APPLICATION NUMBER: US/10/147,493  
PRIORITY FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 6  
LENGTH: 433  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-147-493-6  
Query Match 100.0%; Score 2334; DB 12; Length 433;  
Best Local Similarity 100.0%; Pred. No. 5.8e-206;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAGPTAPPAAGPTAPPAFASLFPFGHAIYGECCRLLYDQNPLOVTAIVKY 60  
Db 1 MAELRPSGAGPTAPPAAGPTAPPAFASLFPFGHAIYGECCRLLYDQNPLOVTAIVKY 60  
QY 61 WLGGPDLPLDVSMYRNVPSPANIPEHMHYISFGLSDLYGDNRVHEFTGDPGSGFPEL 120  
Db 61 WLGGPDLPLDVSMYRNVPSPANIPEHMHYISFGLSDLYGDNRVHEFTGDPGSGFPEL 120  
QY 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSHVMSPLDSESRIOHMLLT 180  
Db 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSHVMSPLDSESRIOHMLLT 180  
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Db 181 EDPMQVPQTPFGVVTFLQIVGCTEELHSAQNNGGIIELRTPVINGPWLITDMR 240  
QY 241 GETIFELDPHLOERVVDKGIETDGSNLSGVSAKACAMDLSRPEDDEDSRSICITQPRRL 300  
Db 241 GETIFELDPHLOERVVDKGIETDGSNLSGVSAKACAMDLSRPEDDEDSRSICITQPRRL 300  
QY 301 SGKTEQIRFETLRGLRGLINSKPVLPINPQONGLAHDRAPSRKDSLSDSTALIPHEL 360  
Db 301 SGKTEQIRFETLRGLRGLINSKPVLPINPQONGLAHDRAPSRKDSLSDSTALIPHEL 360  
QY 361 IRTQLESVHLKFNQESGALIPLCLRGLHGRHFTYKSTIGDMAITFVSTGVGAPATE 420  
Db 361 IRTQLESVHLKFNQESGALIPLCLRGLHGRHFTYKSTIGDMAITFVSTGVGAPATE 420  
QY 421 EHPYAAHGPMLOL 433  
Db 421 EHPYAAHGPMLOL 433

## RESULT 2

US-10-145-127-6  
; Sequence 6, Application US/10145127  
; Publication No. US20040033558A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C252  
; CURRENT FILING DATE: 2002-05-13  
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 6  
; LENGTH: 433  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-127-6

Query Match 100.0%; Score 2334; DB 12; Length 433;  
Best Local Similarity 100.0%; Pred. No. 5.8e-206;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAGPTAPPAAGPTAPPAFASLFPFGHAIYGECCRLLYDQNPLOVTAIVKY 60  
Db 1 MAELRPSGAGPTAPPAAGPTAPPAFASLFPFGHAIYGECCRLLYDQNPLOVTAIVKY 60  
QY 61 WLGGPDLPLDVSMYRNVPSPANIPEHMHYISFGLSDLYGDNRVHEFTGDPGSGFPEL 120  
Db 61 WLGGPDLPLDVSMYRNVPSPANIPEHMHYISFGLSDLYGDNRVHEFTGDPGSGFPEL 120  
QY 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSHVMSPLDSESRIOHMLLT 180  
Db 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSHVMSPLDSESRIOHMLLT 180  
QY 181 EDPMQVPQTPFGVVTFLQIVGCTEELHSAQNNGGIIELRTPVINGPWLITDMR 240  
Db 181 EDPMQVPQTPFGVVTFLQIVGCTEELHSAQNNGGIIELRTPVINGPWLITDMR 240  
QY 241 GETIFELDPHLOERVVDKGIETDGSNLSGVSAKACAMDLSRPEDDEDSRSICITQPRRL 300  
Db 241 GETIFELDPHLOERVVDKGIETDGSNLSGVSAKACAMDLSRPEDDEDSRSICITQPRRL 300  
QY 301 SGKTEQIRFETLRGLRGLINSKPVLPINPQONGLAHDRAPSRKDSLSDSTALIPHEL 360  
Db 301 SGKTEQIRFETLRGLRGLINSKPVLPINPQONGLAHDRAPSRKDSLSDSTALIPHEL 360  
QY 361 IRTQLESVHLKFNQESGALIPLCLRGLHGRHFTYKSTIGDMAITFVSTGVGAPATE 420  
Db 361 IRTQLESVHLKFNQESGALIPLCLRGLHGRHFTYKSTIGDMAITFVSTGVGAPATE 420  
QY 421 EHPYAAHGPMLOL 433  
Db 421 EHPYAAHGPMLOL 433

## RESULT 3

US-10-160-503-6  
; Sequence 6, Application US/10160503  
; Publication No. US20040033559A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C446  
; CURRENT FILING DATE: 2002-05-30  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 6  
; LENGTH: 433  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-160-503-6

Query Match 100.0%; Score 2334; DB 12; Length 433;  
Best Local Similarity 100.0%; Pred. No. 5.8e-206;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 MAELRPSGAPGPTAPAPGPTAPAPAFASLFPPLGHAIVGECRLIYDQPNPLQVTAIVKY 60  
QY 61 WLGGPDLIDVYMYRNVGSPSANIPHEMHYISFGSLDYGDNRVHEFTGTDGSGGFEL 120  
Db 61 WLGGPDLIDVYMYRNVGSPSANIPHEMHYISFGSLDYGDNRVHEFTGTDGSGGFEL 120  
QY 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSDVSWHSPLDNBSRIQHMLLT 180  
Db 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSDVSWHSPLDNBSRIQHMLLT 180  
QY 181 EDPQMPVQTPFGVVTFLQIVGCTEELHSAQMGIGIELRTVPIAGPWLITDMR 240  
Db 181 EDPQMPVQTPFGVVTFLQIVGCTEELHSAQMGIGIELRTVPIAGPWLITDMR 240  
QY 241 GETIFRIDPHLOERVDKGIETDGSNLGVSACAMDDLSPRPEDDEDSRSICIGTQPRRL 300  
Db 241 GETIFRIDPHLOERVDKGIETDGSNLGVSACAMDDLSPRPEDDEDSRSICIGTQPRRL 300  
QY 301 SGKDTQIRRETLRGLINSKVPVLPINFORONGLAHRAPSRKDSLESBSTAIIPHEL 360  
Db 301 SGKDTQIRRETLRGLINSKVPVLPINFORONGLAHRAPSRKDSLESBSTAIIPHEL 360  
QY 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSIIGDMAITFVSTGVGAFATE 420  
Db 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSIIGDMAITFVSTGVGAFATE 420  
QY 421 EHPYAAHGFWLQL 433  
Db 421 EHPYAAHGFWLQL 433

## RESULT 4

US-10-143-118-6  
; Sequence 6, Application US/10143118  
; Publication No. US2004003835A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerlitsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P330R1C28  
; CURRENT APPLICATION NUMBER: US/10/143,118  
; CURRENT FILING DATE: 2002-05-09  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 6  
; LENGTH: 433  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-143-118-6

Query Match 100.0%; Score 2334; DB 12; Length 433;  
Best Local Similarity 100.0%; Pred. No. 5,8e-206;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAELRPSGAPGPTAPAPGPTAPAPAFASLFPPLGHAIVGECRLIYDQPNPLQVTAIVKY 60  
Db 1 MAELRPSGAPGPTAPAPGPTAPAPAFASLFPPLGHAIVGECRLIYDQPNPLQVTAIVKY 60

QY 61 WLGGPDLIDVYMYRNVGSPSANIPHEMHYISFGSLDYGDNRVHEFTGTDGSGGFEL 120  
Db 61 WLGGPDLIDVYMYRNVGSPSANIPHEMHYISFGSLDYGDNRVHEFTGTDGSGGFEL 120  
QY 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSDVSWHSPLDNBSRIQHMLLT 180  
Db 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSDVSWHSPLDNBSRIQHMLLT 180  
QY 181 EDPQMPVQTPFGVVTFLQIVGCTEELHSAQMGIGIELRTVPIAGPWLITDMR 240  
Db 181 EDPQMPVQTPFGVVTFLQIVGCTEELHSAQMGIGIELRTVPIAGPWLITDMR 240  
QY 241 GETIFRIDPHLOERVDKGIETDGSNLGVSACAMDDLSPRPEDDEDSRSICIGTQPRRL 300  
Db 241 GETIFRIDPHLOERVDKGIETDGSNLGVSACAMDDLSPRPEDDEDSRSICIGTQPRRL 300  
QY 301 SGKDTQIRRETLRGLINSKVPVLPINFORONGLAHRAPSRKDSLESBSTAIIPHEL 360  
Db 301 SGKDTQIRRETLRGLINSKVPVLPINFORONGLAHRAPSRKDSLESBSTAIIPHEL 360  
QY 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSIIGDMAITFVSTGVGAFATE 420  
Db 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSIIGDMAITFVSTGVGAFATE 420  
QY 421 EHPYAAHGFWLQL 433  
Db 421 EHPYAAHGFWLQL 433

## RESULT 5

US-10-144-993-6  
; Sequence 6, Application US/10144993  
; Publication No. US2004003835A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerlitsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P330R1C261  
; CURRENT APPLICATION NUMBER: US/10/144,993  
; CURRENT FILING DATE: 2002-05-13  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 6  
; LENGTH: 433  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-144-993-6

Query Match 100.0%; Score 2334; DB 12; Length 433;  
Best Local Similarity 100.0%; Pred. No. 5,8e-206;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAELRPSGAPGPTAPAPGPTAPAPAFASLFPPLGHAIVGECRLIYDQPNPLQVTAIVKY 60  
Db 1 MAELRPSGAPGPTAPAPGPTAPAPAFASLFPPLGHAIVGECRLIYDQPNPLQVTAIVKY 60

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QY 61 WLGGPDLVDVSMYRNVSANIPHHMYISFGLSDLYGDNRVHEFTGDSGSGFEL 120
DB 61 WLGGPDLVDVSMYRNVSANIPHHMYISFGLSDLYGDNRVHEFTGDSGSGFEL 120
QY 121 TFLKRETSAPPTWPAELMOGLARYVFOSENTFCSDHVSWSPLDSESRIOHMLLT 180
DB 121 TFLKRETSAPPTWPAELMOGLARYVFOSENTFCSDHVSWSPLDSESRIOHMLLT 180
QY 181 EDPQMPVQTPFGVVFLOIVGVCTEELHSAQOMNGQILELRTVPIAGPWLITDMR 240
DB 181 EDPQMPVQTPFGVVFLOIVGVCTEELHSAQOMNGQILELRTVPIAGPWLITDMR 240
QY 241 GETIFEDPHLOERVDKGIETDGSNLGVSACAMDLSRPEDDEDSRSICIGTPRRL 300
DB 241 GETIFEDPHLOERVDKGIETDGSNLGVSACAMDLSRPEDDEDSRSICIGTPRRL 300
QY 301 SGKDTQEQIRTLRGLKINSKPVLPINPQONGLAHDRAKSDLSDESTAIIIPHEL 360
DB 301 SGKDTQEQIRTLRGLKINSKPVLPINPQONGLAHDRAKSDLSDESTAIIIPHEL 360
QY 361 IRTROLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTGDMATFVSTGEGAFATE 420
DB 361 IRTROLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTGDMATFVSTGEGAFATE 420
QY 421 EHPYAAHGFWLQL 433
DB 421 EHPYAAHGFWLQL 433

RESULT 6
US-10-158-787-6
; Sequence 6, Application US/10158787
; Publication No. US20040039164A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gudewski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P333ORIC49
; CURRENT APPLICATION NUMBER: US/10/158, 787
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352

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; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059388
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO: 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-158-787-6

Query Match 100.0%; Score 2334; DB 12; Length 433;
Best Local Similarity 100.0%; Pred. No. 5, 8e-206; Indels 0; Gaps 0;
Matches 433; Conservative 0; Mismatches 0;

QY 1 MAELRPSGAPPTAPPAAPAFASLPFGHAIYGECCRLYPQPNLOVATAYKY 60
DB 1 MAELRPSGAPPTAPPAAPAFASLPFGHAIYGECCRLYPQPNLOVATAYKY 60
QY 61 WLGGPDLVDVSMYRNVSANIPHHMYISFGLSDLYGDNRVHEFTGDSGSGFEL 120
DB 61 WLGGPDLVDVSMYRNVSANIPHHMYISFGLSDLYGDNRVHEFTGDSGSGFEL 120
QY 121 TFLKRETSAPPTWPAELMOGLARYVFOSENTFCSDHVSWSPLDSESRIOHMLLT 180
DB 121 TFLKRETSAPPTWPAELMOGLARYVFOSENTFCSDHVSWSPLDSESRIOHMLLT 180
QY 181 EDPQMPVQTPFGVVFLOIVGVCTEELHSAQOMNGQILELRTVPIAGPWLITDMR 240
DB 181 EDPQMPVQTPFGVVFLOIVGVCTEELHSAQOMNGQILELRTVPIAGPWLITDMR 240
QY 241 GETIFEDPHLOERVDKGIETDGSNLGVSACAMDLSRPEDDEDSRSICIGTPRRL 300
DB 241 GETIFEDPHLOERVDKGIETDGSNLGVSACAMDLSRPEDDEDSRSICIGTPRRL 300
QY 301 SGKDTQEQIRTLRGLKINSKPVLPINPQONGLAHDRAKSDLSDESTAIIIPHEL 360
DB 301 SGKDTQEQIRTLRGLKINSKPVLPINPQONGLAHDRAKSDLSDESTAIIIPHEL 360
QY 361 IRTROLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTGDMATFVSTGEGAFATE 420
DB 361 IRTROLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTGDMATFVSTGEGAFATE 420
QY 421 EHPYAAHGFWLQL 433
DB 421 EHPYAAHGFWLQL 433

RESULT 7
US-10-140-024-6
; Sequence 6, Application US/10140024
; Publication No. US20040058424A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gudewski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P333ORIC69

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; CURRENT APPLICATION NUMBER: US/10/140,024
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-024-6

Query Match      100.0%; Score 2334; DB 12; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAPPTAPAPGPTAPPAFASLPFPGMLAIYECRLYPDOPNPQVATYKY 60
DB 1 MAELRSGAPGPTAPAPGPTAPPAFASLPFPGMLAIYECRLYPDOPNPQVATYKY 60
QY 61 WJGGPPLDYVMYRNVSPPSANIPPHWHYISFGISDLYGDKRVHEFTGDPGSGFPEL 120
DB 61 WJGGPPLDYVMYRNVSPPSANIPPHWHYISFGISDLYGDKRVHEFTGDPGSGFPEL 120
QY 121 TPLKXETGESAPPTAPPAFASLPFPGMLAIYECRLYPDOPNPQVATYKY 180
DB 121 TPLKXETGESAPPTAPPAFASLPFPGMLAIYECRLYPDOPNPQVATYKY 180
QY 181 EDPQMPVQTPPGVTFLOIVGVCTEELHSAQWNGQILLLRTVPINAGFWLITDNR 240
DB 181 EDPQMPVQTPPGVTFLOIVGVCTEELHSAQWNGQILLLRTVPINAGFWLITDNR 240
QY 241 GEITFIDHLOERVUKIETGNSLVSAKAMDLSRPEDEDSSTIGQPRRL 300
DB 241 GEITFIDHLOERVUKIETGNSLVSAKAMDLSRPEDEDSSTIGQPRRL 300
QY 301 SGKDTQIRETLRGLINSKPYLPINPQONGLAHDAPSRKDSLSSTALIPHEL 360
DB 301 SGKDTQIRETLRGLINSKPYLPINPQONGLAHDAPSRKDSLSSTALIPHEL 360
QY 361 IRRQLESVHLKNGSGALLPCLRGRLHGRHFFYKAITGDMAITFSTVEGAFATE 420
DB 361 IRRQLESVHLKNGSGALLPCLRGRLHGRHFFYKAITGDMAITFSTVEGAFATE 420
QY 421 EHPYAAHGPWLQ 433
DB 421 EHPYAAHGPWLQ 433

RESULT 8
US-10-028-072-6
; Sequence 6, Application US/10028072
; Publication NO. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Mei-Qiang
; APPLICANT: Geriltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Zhang
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-15
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; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
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PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081695  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082299  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086414  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/086430  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10

PRIOR APPLICATION NUMBER: 60/088741  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 19/98-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07

Query Match 100.0%; Score 2334; DB 14; Length 433;  
Best Local Similarity 100.0%; Freq. No. 5.8e-206; Indels 0; Gaps 0;  
Matches 433; Conservative 0; Mismatches 0;

QY 1 MAELRPSGAPPTAPAPPTAPAPASIFPPGLHAIYGECCRLYPDOPNPLQVTAIYKY 60  
DB 1 MAELRPSGAPPTAPAPPTAPAPASIFPPGLHAIYGECCRLYPDOPNPLQVTAIYKY 60  
QY 61 WUGPDPDLVSMYRVGSPSANIPDHMYISFGISDLYGDNRVHEFTGDPGSGFEL 120  
DB 61 WUGPDPDLVSMYRVGSPSANIPDHMYISFGISDLYGDNRVHEFTGDPGSGFEL 120  
QY 121 TFLKRETESAPPTMPAPLMOGLARYVQSENTECSGDHVSMSPLDSESRIOHMLIT 180  
DB 121 TFLKRETESAPPTMPAPLMOGLARYVQSENTECSGDHVSMSPLDSESRIOHMLIT 180  
QY 181 EDPQWPVQTPPGVVTFLQIVGVCTBELHSAQONNGGILEJLRTVPIAGPMLITDMR 240  
DB 181 EDPQWPVQTPPGVVTFLQIVGVCTBELHSAQONNGGILEJLRTVPIAGPMLITDMR 240  
QY 241 GETIFIDPHLOERYDKGISTDGSNLSGVSAKAMDLSRPEDDEDSRSICIGTOPRRL 300  
DB 241 GETIFIDPHLOERYDKGISTDGSNLSGVSAKAMDLSRPEDDEDSRSICIGTOPRRL 300  
QY 301 SGKDTQIRRETLRGLGELNSKVPPLPINFQONGLAHDAPRKDSLSDSSTAIIPIHL 360  
DB 301 SGKDTQIRRETLRGLGELNSKVPPLPINFQONGLAHDAPRKDSLSDSSTAIIPIHL 360  
QY 361 ITRQLESYHLKFNQESGALIFLCRGLRHLRHFTYSITDMMATFVSTVEGAFATE 420  
DB 361 ITRQLESYHLKFNQESGALIFLCRGLRHLRHFTYSITDMMATFVSTVEGAFATE 420  
QY 421 EHPYAAHGPWLQI 433  
DB 421 EHPYAAHGPWLQI 433

RESULT 9  
US-10-121-049-6  
Sequence 6, Application US/10121049  
Publication No. US2003002229A1  
GENERAL INFORMATION:



```

; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C160
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-6

Query Match      100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAGPTAPAPGPTAPAPASLPPGGLHAIYGCRCRLYPDQNPLOVTAIVKY 60
DB 1 MAELRPSGAGPTAPAPGPTAPAPASLPPGGLHAIYGCRCRLYPDQNPLOVTAIVKY 60
QY 61 WLGGPDLVDYVSMYRNVSANIPHEMHYISFGLSDLYGDNRYHEFTGDPGSGFGL 120
DB 61 WLGGPDLVDYVSMYRNVSANIPHEMHYISFGLSDLYGDNRYHEFTGDPGSGFGL 120
QY 121 TFLKRETSAPPTPAELMOGLARVFOSENTFCGSHVSHSLDSESRIOHMLLT 180
DB 121 TFLKRETSAPPTPAELMOGLARVFOSENTFCGSHVSHSLDSESRIOHMLLT 180
QY 181 EDPMQVQPTPGVYTFLOIVGVCTEELHSAQOMNGGILELRTVPIAGPWLITDMR 240
DB 181 EDPMQVQPTPGVYTFLOIVGVCTEELHSAQOMNGGILELRTVPIAGPWLITDMR 240
QY 241 GETTFEIDPHLOEVRDVGIEITDGSNLGVSACKAMDLSRPEDDEDSRSICIGTORRL 300
DB 241 GETTFEIDPHLOEVRDVGIEITDGSNLGVSACKAMDLSRPEDDEDSRSICIGTORRL 300
QY 301 SGKDEQIRRTLRRGLEINSPVLPINPORONGLAHDRAPSRKDSLESSTAIIPHEL 360
DB 301 SGKDEQIRRTLRRGLEINSPVLPINPORONGLAHDRAPSRKDSLESSTAIIPHEL 360
QY 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMALTFVSTGVGAFATE 420
DB 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMALTFVSTGVGAFATE 420
QY 421 EHPYAAHGFWLQL 433
DB 421 EHPYAAHGFWLQL 433

RESULT 12
US-10-175-746-6
; Sequence 6, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
```

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; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C160
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-746-6

Query Match      100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAGPTAPAPGPTAPAPASLPPGGLHAIYGCRCRLYPDQNPLOVTAIVKY 60
DB 1 MAELRPSGAGPTAPAPGPTAPAPASLPPGGLHAIYGCRCRLYPDQNPLOVTAIVKY 60
QY 61 WLGGPDLVDYVSMYRNVSANIPHEMHYISFGLSDLYGDNRYHEFTGDPGSGFGL 120
DB 61 WLGGPDLVDYVSMYRNVSANIPHEMHYISFGLSDLYGDNRYHEFTGDPGSGFGL 120
QY 121 TFLKRETSAPPTPAELMOGLARVFOSENTFCGSHVSHSLDSESRIOHMLLT 180
DB 121 TFLKRETSAPPTPAELMOGLARVFOSENTFCGSHVSHSLDSESRIOHMLLT 180
QY 181 EDPMQVQPTPGVYTFLOIVGVCTEELHSAQOMNGGILELRTVPIAGPWLITDMR 240
DB 181 EDPMQVQPTPGVYTFLOIVGVCTEELHSAQOMNGGILELRTVPIAGPWLITDMR 240
QY 241 GETTFEIDPHLOEVRDVGIEITDGSNLGVSACKAMDLSRPEDDEDSRSICIGTORRL 300
DB 241 GETTFEIDPHLOEVRDVGIEITDGSNLGVSACKAMDLSRPEDDEDSRSICIGTORRL 300
QY 301 SGKDEQIRRTLRRGLEINSPVLPINPORONGLAHDRAPSRKDSLESSTAIIPHEL 360
DB 301 SGKDEQIRRTLRRGLEINSPVLPINPORONGLAHDRAPSRKDSLESSTAIIPHEL 360
QY 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMALTFVSTGVGAFATE 420
DB 361 IRTQLESVHLKFNQESGALIPCLRGRLHGRHFTYKSTIGDMALTFVSTGVGAFATE 420
QY 421 EHPYAAHGFWLQL 433
DB 421 EHPYAAHGFWLQL 433

RESULT 13
US-10-176-918-6
; Sequence 6, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
```

```

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; PRIOR APPLICATION removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-918-6

```

```

Query Match      100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MAELRSGAGPPTAPPAAGPTAPPAFASLPFGHAIYGCRCRLYPDPQNPQVTAIVKY 60
DB 1 MAELRSGAGPPTAPPAAGPTAPPAFASLPFGHAIYGCRCRLYPDPQNPQVTAIVKY 60
QY 61 WLGGPDLIDYVSMYRVNGSPSANIPERHMYISFGLSLDYGDNRVHEFTGTDGSGGFEL 120
DB 61 WLGGPDLIDYVSMYRVNGSPSANIPERHMYISFGLSLDYGDNRVHEFTGTDGSGGFEL 120
QY 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSDVSHSPLDNSESRIQHMLLT 180
DB 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSDVSHSPLDNSESRIQHMLLT 180
QY 181 EDPQMPQVOTPFQVTFPLQIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
DB 181 EDPQMPQVOTPFQVTFPLQIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
QY 181 EDPQMPQVOTPFQVTFPLQIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
DB 181 EDPQMPQVOTPFQVTFPLQIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
QY 241 GETIFEIDPHLOERVDKGIETDGSNLSGVSAKCAMDLSRPEDDEDSRSICIGTQPRRL 300
DB 241 GETIFEIDPHLOERVDKGIETDGSNLSGVSAKCAMDLSRPEDDEDSRSICIGTQPRRL 300
QY 301 SGKDTQIREFLTRGLRGLINSKPVLPINPORONGLAHDRAPSRKDSLESDSSTALIIPHEL 360
DB 301 SGKDTQIREFLTRGLRGLINSKPVLPINPORONGLAHDRAPSRKDSLESDSSTALIIPHEL 360
QY 361 IRTROLESVHLKRNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGEAGATE 420
DB 361 IRTROLESVHLKRNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGEAGATE 420
QY 421 EHPYAAHGPMQL 433
DB 421 EHPYAAHGPMQL 433

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RESULT 14  
US-10-176-921-6

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; Sequence 6, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen

```

```

; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C28
; CURRENT APPLICATION NUMBER: US/10/176,921
; PRIOR APPLICATION removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 6
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-921-6

```

```

Query Match      100.0%; Score 2334; DB 14; Length 433;
Best Local Similarity 100.0%; Pred. No. 5,8e-206;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MAELRSGAGPPTAPPAAGPTAPPAFASLPFGHAIYGCRCRLYPDPQNPQVTAIVKY 60
DB 1 MAELRSGAGPPTAPPAAGPTAPPAFASLPFGHAIYGCRCRLYPDPQNPQVTAIVKY 60
QY 61 WLGGPDLIDYVSMYRVNGSPSANIPERHMYISFGLSLDYGDNRVHEFTGTDGSGGFEL 120
DB 61 WLGGPDLIDYVSMYRVNGSPSANIPERHMYISFGLSLDYGDNRVHEFTGTDGSGGFEL 120
QY 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSDVSHSPLDNSESRIQHMLLT 180
DB 121 TFLRKRETSAPPTWPAELMOGLARYVFOSENTFCGSDVSHSPLDNSESRIQHMLLT 180
QY 181 EDPQMPQVOTPFQVTFPLQIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
DB 181 EDPQMPQVOTPFQVTFPLQIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
QY 181 EDPQMPQVOTPFQVTFPLQIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
DB 181 EDPQMPQVOTPFQVTFPLQIVGCTBELHSAQOMNGGILELRTVPIAGPMLITDMR 240
QY 241 GETIFEIDPHLOERVDKGIETDGSNLSGVSAKCAMDLSRPEDDEDSRSICIGTQPRRL 300
DB 241 GETIFEIDPHLOERVDKGIETDGSNLSGVSAKCAMDLSRPEDDEDSRSICIGTQPRRL 300
QY 301 SGKDTQIREFLTRGLRGLINSKPVLPINPORONGLAHDRAPSRKDSLESDSSTALIIPHEL 360
DB 301 SGKDTQIREFLTRGLRGLINSKPVLPINPORONGLAHDRAPSRKDSLESDSSTALIIPHEL 360
QY 361 IRTROLESVHLKRNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGEAGATE 420
DB 361 IRTROLESVHLKRNQESGALIPCLRGRLHGRHFTYKSIITGDMAITFVSTGEAGATE 420
QY 421 EHPYAAHGPMQL 433
DB 421 EHPYAAHGPMQL 433

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RESULT 15  
US-10-137-865-6

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; Sequence 6, Application US/10137865
; Publication No. US20030032155A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang

```

APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS  
FILE REFERENCE: P330R1C154  
CURRENT APPLICATION NUMBER: US/10/137,865  
CURRENT FILING DATE: 2002-05-03  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 6  
LENGTH: 433  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-137-865-6

Query Match 100.0%; Score 2334; DB 14; Length 433;  
Best Local Similarity 100.0%; Pred. No. 5.8e-206;  
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAELRPSGAPGPTAPAPGPTAPAPAFALPPPGHAIYGEGRRLYPPDPNPLQVTAIVKY 60  
DB 1 MAELRPSGAPGPTAPAPGPTAPAPAFALPPPGHAIYGEGRRLYPPDPNPLQVTAIVKY 60  
QY 61 WLGGPDLVDYVSMYRNGSSSANIPENHMYISFGLSDLYGDNRVHAEFTGIDPSGFGFEL 120  
DB 61 WLGGPDLVDYVSMYRNGSSSANIPENHMYISFGLSDLYGDNRVHAEFTGIDPSGFGFEL 120  
QY 121 TFRKRTGTSAPPTWPAELMOGLARYVFOSENTFCSDHVSWSHSPLDNSBSRLQHMILT 180  
DB 121 TFRKRTGTSAPPTWPAELMOGLARYVFOSENTFCSDHVSWSHSPLDNSBSRLQHMILT 180  
QY 181 EDPOMQVQTPFGVITFLQIVGVCTEELHSAQOMNGGILELRTVPIAGGPWLITDMRR 240  
DB 181 EDPOMQVQTPFGVITFLQIVGVCTEELHSAQOMNGGILELRTVPIAGGPWLITDMRR 240  
QY 241 GETTFEIDPHLOERVDKGIETDGSNLSGVSAKCAMDDLSPRPEDDSDRSICIGTQPRRL 300  
DB 241 GETTFEIDPHLOERVDKGIETDGSNLSGVSAKCAMDDLSPRPEDDSDRSICIGTQPRRL 300  
QY 301 SGKOTEOIRETLRRLGRLINSKXVLPINPQONGLAHRAPSRKDSLSDSTAILPHEL 360  
DB 301 SGKOTEOIRETLRRLGRLINSKXVLPINPQONGLAHRAPSRKDSLSDSTAILPHEL 360  
QY 361 IRTQLESVHLKFNQESGALIPLCRGLHGRHFTYKSTGDMALTPTVSTGVGAFAFE 420  
DB 361 IRTQLESVHLKFNQESGALIPLCRGLHGRHFTYKSTGDMALTPTVSTGVGAFAFE 420  
QY 421 EHPYAAHGFWLQ 433  
DB 421 EHPYAAHGFWLQ 433

Search completed: April 9, 2004, 15:49:09  
Job time : 48 secs